

DEPARTMENT OF TRANSPORTATION



COAST GUARD

**OCEANOGRAPHY OF
THE GRAND BANKS REGION OF
NEWFOUNDLAND**

1975

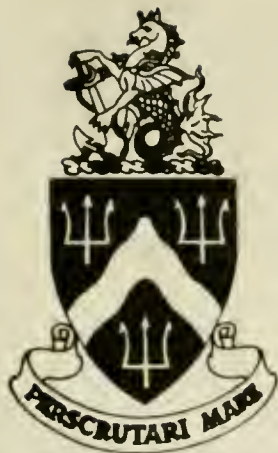
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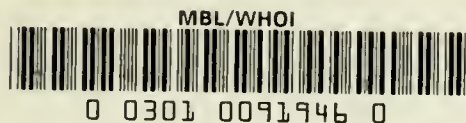
OCEANOGRAPHIC REPORT

No. 373-75

OCEANOGRAPHY OF THE GRAND BANKS REGION OF NEWFOUNDLAND

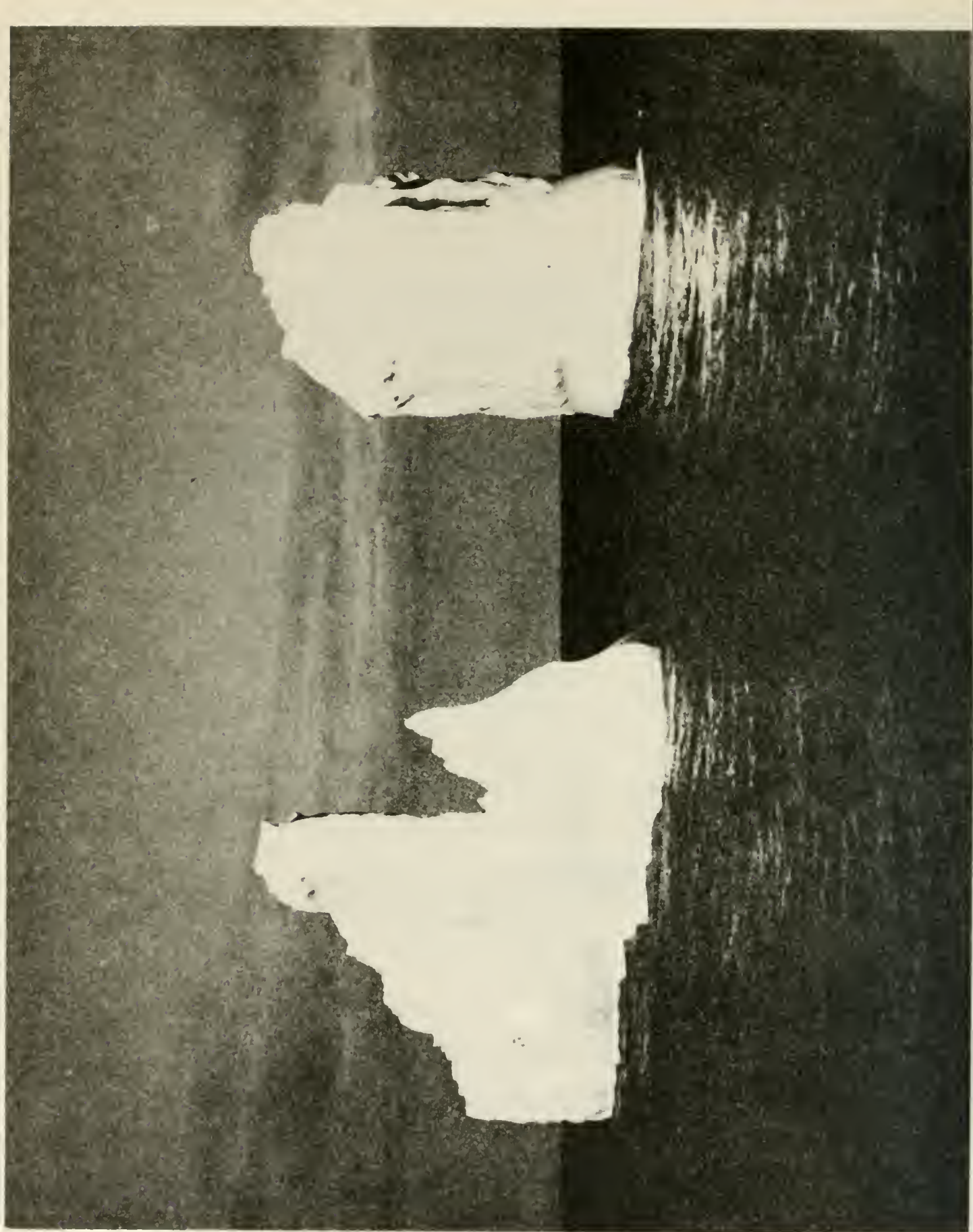
1975

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April 1978



ABSTRACT

During 1975 five oceanographic cruises were made by the U.S. Coast Guard to the Grand Banks region. During April (IIP-1-75) a large anti-cyclonic eddy was observed between the Labrador Current and the North Atlantic Current. The eddy appeared to move southward and rejoin the North Atlantic Current. Six occupations of standard section A3, spaced throughout the year, revealed a relatively smooth pattern of variation for the Labrador Current with maximum southward transport and minimum water temperature in April changing to minimum transport and maximum temperature in November. However, repeated occupation of standard section A1 over a 54 hour period indicated that large variations in the Labrador Current transport do occur over short time scales.

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OCEANOGRAPHY OF THE GRAND BANKS REGION OF NEWFOUNDLAND

1975

DAVID G. MOUNTAIN

INTRODUCTION

During 1975 five oceanographic cruises were made by the U.S. Coast Guard to the Grand Banks region (fig. 1). The majority of data presented were obtained during two cruises by the International Ice Patrol (April and May-June 1975) aboard the USCGC EVERGREEN (WAGO 295). These observations were made in support of Commander, International Ice Patrol to aid in the prediction of the drift of icebergs into the North Atlantic. Three additional cruises were conducted in connection with the Coast Guard Standard Section Program. Standard Sections A2, A3, and A4 were occupied in February and August by the USCGC CHASE and in November by the USCGC HAMILTON. In each case sections A3 and A4 were extended seaward of the limits shown in figure 1. A summary of the observations made on each cruise is given in Table 1.

INTERNATIONAL ICE PATROL CRUISES

April Cruise: The first Ice Patrol cruise included two oceanographic surveys. The first survey (4-15 April) consisted of sections A3C, A3B, A3A, A3, and A2B (fig. 1), while the second (21-25 April) reoccupied sections A3, A3A, and A3B. A total of 90 oceanographic casts were made using an salinity, temperature, depth environmental profiling system (STD) to yield IIP stations 11690-11779.

On April 12, during the first survey, a subsurface mooring with two current meters, deployed in June 1974, was recovered. The mooring was located at 44°41.7'N, 48°55.0'W in 587 fm (1086 m) of water. Discussion of the data from these current meters is contained in Weir (1977). Between the STD surveys a subsurface moored

current meter array was deployed on 19 April 1975 in 165 fm (305 m) of water at 45°44.0'N, 48°06.7'W. The mooring, which was retrieved in June 1975 on the second IIP cruise, is described in section Current Meter Measurements. Following the deployment, a series of casts were made around the mooring site using a conductivity, temperature, depth environmental profiling system (CTD), to allow comparison of the directly measured currents and the calculated geostrophic currents.

During transit to and from the Grand Banks region an expendable bathythermograph (XBT) survey was conducted for the National Marine Fisheries Service. When the CGC EVERGREEN was between 65°W and 70°W, an XBT was taken every hour. Forty-five such XBT measurements were made on the April IIP cruise.

The scientific party for the first IIP cruise was

Mr. R. M. Hayes—Field Party Chief
Dr. D. G. Mountain—Watch Supervisor
MSTC R. L. Lindsay—Watch Supervisor
MST1 M. Alles
MST2 P. Setser
MST3 G. Patrick
MST3 P. Christensen
MST3 D. Startt
MST3 S. Pepovitch
ET3 L. Haney

May-June cruise: The second IIP cruise consisted of three segments. The first began with an intensive STD survey in a 66x60 mile grid, the southwest corner of which was located at 43°50'N, 49°15'W. The grid, which contained five east-west sections of eight stations each, was occupied between 26-28 May. The survey was

conducted to provide input to a real-time numerical model of the Labrador Current (Kollmeyer, 1975). Following occupation of sections A2, A2B, and A2C, the intensive survey was repeated between 3-6 June to allow for the verification of the numerical model.

The second segment of the cruise involved a dual ship study of iceberg drift. While the USCGC SHERMAN (WHEC 720) stood by a medium size iceberg as it drifted, the CGC EVERGREEN made four sections, totaling 43 STD stations, perpendicular to the path of the iceberg's drift. The final section occupied coincided with IIP standard section A1A. The iceberg was followed for a period of four days (15-19 June).

During the final segment of the second IIP cruise the current meter array deployed on 19 April 1975 was recovered on 27 June 1975. On 28 June Standard Monitoring Section A1 was occupied beginning at the shallow (West) end. The trackline was then retraced dropping an XBT probe approximately every mile (57 XBT casts) after which section A1 was repeated on 1 July.

Hourly XBT measurements were again made for the National Marine Fisheries Service under the same guidelines applied to the first cruise. These data are presented in Cook (1975).

The scientific party for the second IIP cruise was

LCDR R. Scobie—Field Party Chief
MSTC N. Lemoine—Watch Supervisor
MSTC R. Lindsay—Watch Supervisor
MST1 A. Filo
MST1 M. Alles
MST3 S. Friday
MST3 D. Startt
MST3 S. Popovitch
SNMST J. Murdy
SNMST K. Munzert
SNMST J. Ferguson
ET2 J. Ogle

Standard Section Occupations—A2, A3, A4

The USCGC CHASE (WHEC 718) occupied standard sections A2, A3, and A4 between 2-17 February. The measurements were made using Nansen bottles with deep sea reversing thermometers. The CGC CHASE reoccupied these same sections between 30 August-4 September using

an STD profiling system. A third occupation of standard sections A2, A3, and A4 was accomplished by the USCGC HAMILTON (WHEC 715) from 15 to 23 November using Nansen bottles with reversing thermometers.

INSTRUMENTS AND METHODS

IIP Cruises: The STD measurements were made with a Plessey 9040 STD profiling system. The three analog FM signals from the STD deck unit (depth, temperature, and salinity) were converted to binary decimal frequency values (integer cycles per second) by General Radio Model 1192 frequency counters and digitized by a Sonycraft Co. Digital Data Logger (DDL). The digitized frequency values were then recorded on 1/2 inch computer compatible seven track magnetic tape by a Kennedy 1600R incremental tape recorder. The observations of depth, temperature, and salinity were made simultaneously at a one second rate and recorded serially on the magnetic tape.

The recorded data was processed through a series of three programs on a CDC-3300 computer to yield the final data values listed in this report. The original data tape was input to program NEWDL which converted the frequency data to geophysical units. The converted data was both printed out and written on a separate magnetic tape. From the printout the first and last good data levels were determined, as were values for comparison with quality control samples to derive temperature and salinity correction values (see below). The NEWDL output tape was used as input to program AVMUL. This program deleted all observations in which the depth decreased from the previous observation, applied the quality control correction values, calculated sigma-t for each observation, averaged temperature and salinity values for observations at the same depth, and from those determined an average sigma-t at each depth. The output of AVMUL was both a printout and a magnetic tape. The printout was reviewed to identify bad data points which resulted in unrealistic instabilities in the water column, primarily due to the slow thermometer response time in regions of sharp thermal gradient. The stability criteria used is that established by the National Oceanographic Data Center. The AVMUL output tape was input to program FINPT which deleted selected levels, reaveraged the values at common

depths, and determined temperature, salinity, and sigma-t values at standard levels and significant points in a manner described by Rosebrook (1974). The output of FINPT represented the final form of the data as presented in this report.

For the stations occupied using a Plessey 9040 CTD profiling system the same acquisition and processing scheme was used with one modification. In program NEWDL the conductivity value was converted to a salinity value using equations developed by Brown as presented by Jaeger (1973).

The data in its final form was processed through program XPORT. This program calculated dynamic height values relative to 1000 dbar level and from those, geostrophic currents between stations on a section. Dynamic height values for stations less than 1000 m were calculated relative to a 1000 dbar reference level using a method described by Kollmeyer et. al. (1967), based on the technique developed by Helland-Hansen (1934). The method treats the sediment under the shallow stations as motionless water. The technique is subjective and introduces some uncertainty in the calculation of current and transport values, particularly for the Labrador Current which usually straddles the 1000 m isobath.

For quality control a Nansen bottle with two protected and two unprotected deep sea reversing thermometers was placed approximately three meters above the STD instrument on each cast and was tripped at the deepest depth of the cast, after allowing sufficient soak time. Surface temperature and water samples were obtained at alternate stations by bucket. Salinity values were determined by a Plessey 6220 salinometer. The difference between the Nansen bottle and the recorded STD values yielded temperature and salinity corrections. The correction values for the surface and 1000 m were plotted against time for each instrument to identify periods during which the instrument offset was fairly constant. Within each period an average temperature and salinity correction was determined. The correction values at mid-depth were used to check the shear between the surface and the 1000 m values. The surface temperature corrections were highly scattered; therefore the 1000 m values were used as a correction constant with depth and ranged from $+0.13^{\circ}\text{C}$ to -0.05°C . The salinity cor-

rection values varied from $+0.053\text{‰}$ to -0.053‰ at the surface and 0.079‰ to -0.017‰ at 1000 m.

Standard Monitoring Section Occupations: The standard section cruises employed both an STD system and standard Nansen bottle casts at different times. The Nansen casts were processed in accordance with CG 410. The STD data were recorded in analog form on a Leeds and Northrup ink pen recorder. The temperature and salinity values were read from the analog trace at standard levels and significant points. Temperature and salinity correction values were derived from quality control samples obtained by a Nansen bottle attached above the STD instrument and tripped at the deepest depth of the cast.

THE DATA

The STD data discussed above are presented at the end of this report. The temperature and salinity distributions along each section of stations occupied are presented in chronological order in figs. 15 to 49.

CURRENT METER MEASUREMENTS

A current meter mooring was deployed during the first IIP cruise on 19 April at $45^{\circ}44.0'\text{N}$, $48^{\circ}06.1'\text{W}$ in 305 m of water. The mooring was successfully recovered during the second IIP cruise on 26 June. The deployment was accomplished from the buoy deck of the CGC EVERGREEN by an anchor-last technique.

The mooring (fig. 2) included one AMF Corporation vectoring averaging current meter (model number 610B, serial number 282), an AMF Corporation acoustic release (model 284, serial number 174), and an inclinometer, a depth gage, and a tensiometer manufactured by General Oceanics Inc. Flotation was provided by twelve 16" corning glass balls in plastic hard hats. The mooring was designed through use of a computer program adapted from one developed by Berteau and Chhabra (1973). The results from the various instruments were to be compared against the mooring configuration predicted by the computer program.

All of the instruments functioned properly with the exception of the current meter, which malfunctioned and yielded no reliable data. Examination of the meter by the manufacturer indicated that the current meter malfunctioned

at cold temperatures comparable to the water temperature in the area of the mooring site ($<4^{\circ}\text{C}$).

Due to the current meter failure, the other data obtained in connection with the mooring are not presented. The mooring line tension and inclination, and current meter depth, as recorded by the additional instrumentation, were compatible with the computer prediction for anticipated current speeds.

DYNAMIC TOPOGRAPHY

The circulation regime in the Grand Banks area is usually characterized by a cold, narrow Labrador Current flowing southward along the steep continental slope and by a warm broad North Atlantic Current flowing northeastward further off shore to the east. The corresponding dynamic topography (fig. 3) derived from monthly mean values (Scobie, 1976) is characterized by closely spaced contours indicating the two currents and widely spaced contours forming a broad dynamic trough between them.

The dynamic topography for the first IIP survey (8 to 20 April, fig. 4) indicates the Labrador Current flowing southward over the steep slope along the eastern edge of the Grand Banks, generally between the 500 and 2000 m isobaths. The maximum geostrophic velocities in the current ranged from 28–65 cm/sec at the different sections. Along the eastern edge of the survey area the North Atlantic Current flowed northeastward with speeds of 45–75 cm/sec. Between the two currents was a large (130 km diameter) anticyclonic eddy, centered at $44^{\circ}30'\text{N}$, $48^{\circ}00'\text{W}$. The presence of the eddy was likely responsible for a portion of the Labrador Current being diverted to the east along the northern side of the eddy. The warm core eddy probably was shed from the North Atlantic Current in a manner similar to that observed on the north side of the Gulf Stream (Saunders, 1971). The temperatures and geostrophic current across section A3A (figs. 20a and c), which passed through the eddy, indicate that the eddy structure extended at least to 1000 m depth. If a significant secondary circulation was driven by viscous forces within the eddy, the secondary flow at the surface would be radially outwards. The implication would be that icebergs would tend to remain on the periphery of the eddy and not be drawn to the eddy interior.

The Labrador Current during the second survey (21–25 May), as revealed by the dynamic topography (fig. 5), changed little from the first survey. The anticyclonic eddy appeared to have moved southeastward and rejoined the North Atlantic Current, although the limited nature of the survey precludes full delineation of the feature. This southeastward movement of the eddy approximately paralleled to local bottom topography, which would be expected for bathymetrically controlled eddy movement (Warren, 1967). Estimation of the speed of the movement is difficult since the eddy could have intersected the North Atlantic Current at any time between the surveys. The displacement of the eddy/meander center over the time between the surveys yields a speed of only 1 cm/sec.

The dynamic topography for both intensive surveys (figs. 6 and 8) indicate the Labrador Current flowed south over the steep continental slope, as is normally observed. Both also indicate that the North Atlantic Current entered the area from the southeast, turned clockwise, and exited to the northeast. The major change which occurred in the 8–10 days between the observations was that the dynamic trough between the Labrador Current and the North Atlantic Current deepened (970.92 dyn m to 970.88 dyn m) and extended southward. The standard sections occupied between the intensive surveys (fig. 7) suggest that the curving of the North Atlantic Current in figs. 6 and 8 was part of an eddy/meander feature similar to that observed in the April surveys.

The standard sections occupied in February, August, and November do not allow contouring of the dynamic topography due to the large spatial separation between the sections. The dynamic height values for each survey are plotted in figs. 9, 10, and 11, with the direction of the surface geostrophic current indicated by an arrowhead.

LABRADOR CURRENT TRANSPORT

The spatial and temporal variations of the transport of water by the Labrador Current may be investigated by comparing the calculated geostrophic volume transports at the various sections occupied. Due to inherent inaccuracies in the method of calculation, the variations are likely significant only in their general trend and not in their exact magnitude. The minimum tempera-

ture observed and three measures of the Labrador Current transport (total, $<2^{\circ}\text{C}$, $<0^{\circ}\text{C}$) are given in Table II for each of the sections occupied.

Considering sections occupied nearly simultaneously (within the same survey) a general decrease in transport and increase in minimum temperature is noticed in going from north to south. These spatial changes are expected since, as the water in the current moves southward, it continuously mixes with the warmer water offshore in the North Atlantic Current to form a large pool of mixed water (Hawley and Soule, 1940) in the dynamic trough between the two currents. The decrease in southward transport suggests that no major contribution is made to the Labrador Current by water from the Grand Banks region to the west. Apparent influxes of water from the Grand Banks indicated in the dynamic topography (e.g., fig. 6) are likely due to a lack of synopticity in the data, as well as being an artifact of the extrapolation technique used in shallow water.

The temporal change in the Labrador Current transport is seen by comparing the values at section A3, which was occupied six times during the year (fig. 13). All three measures of the volume transport increase to a maximum in April and decrease during the rest of the year. The maximum total southward transport in April is

approximately twice the minimum value in November. The minimum temperature also exhibits extremes in April and November, with the April value being more than two degrees colder than observed in November.

A second view of the temporal change in the Labrador Current is obtained from the three occupations of section A1 (two by STD, one by XBT) within a 58 hour period. The geostrophic currents indicate an increase in transport, particularly of cold ($<0^{\circ}\text{C}$) water, over that time. The temperature cross sections (figs. 14, 39A, and 40A) show the area of cold water increasing with time. The -1°C envelope extended eastward more than 20 km over the outer shelf during the period. The XBT section temperature distribution, while more patchy, is intermediate between the STD observations, suggesting that a progressive change was occurring in the Labrador Current properties. The implication is that, while a fairly smooth yearly pattern may be evident in fig. 13, significant changes in water properties and volume transport do occur on relatively short time scales. Similar results have been obtained by repeated occupation of section A3 closely spaced in time (Wolford, 1966).

Acknowledgement: M. Alles, S. Friday, N. Lemoine, B. Peters, and D. Startt are thanked for their work in processing of the data presented in this report.

TABLE I—SUMMARY OF 1975 OCEANOGRAPHIC OBSERVATIONS

International Ice Patrol Cruises

	<i>DATE</i>	<i>SECTION</i>	<i>OBS</i>	<i>METHOD</i>
EVERGREEN -----	4/8-15	A3C, A3B, A3A, A3, A2B	55	STD
	4/21-25	A3, A3A, A3B	35	STD
	5/26-28	Intensive Survey I	40	STD
	5/29-6/1	A3, A2B, A2C	34	STD
	5/3-6	Intensive Survey II	40	STD
	6/15-19	Iceberg Drift	43	STD
	6/29	A1	12	STD
	6/30	A1	57	XBT
	6/30-7/1	A1	12	STD
Standard Section Cruises				
CHASE -----	2/2-17	A2, A3, A4	36	Nansen Bottle
CHASE -----	8/30-9/2	A2, A3, A4	34	STD
HAMILTON -----	11/15-23	A2, A3, A4	43	Nansen Bottle

TABLE 11—LABRADOR CURRENT VOLUME TRANSPORT ESTIMATES

SECTION	MINIMUM TEMPS ($^{\circ}C$)	VOL ($\times 10^6$ m^3/sec)		
		NET	$<2^{\circ}C$	$<0^{\circ}C$
IIP-1-75				
A3C	-1.44°	3.92	1.77	0.21
A3B	-1.46°	7.40	0.28	0.01
A3A	-1.39°	1.37	1.09	0.44
A3	-1.58°	2.73	2.53	1.46
A2B	-1.59°	2.46	2.35	1.26
A3	-1.45°	3.64	2.41	0.00
A3A	-1.39°	1.91	1.89	0.00
A3B	-1.33°	2.10	2.05	0.00
IIP-2-76				
Intensive Survey I				
a	-1.18°	4.45	3.16	0.95
b	-0.99°	3.98	3.34	0.96
c	-1.11°	1.13	0.97	0.15
d	-1.45°	2.58	2.07	0.78
e	-1.17°	4.93	2.79	1.17
A2A	-1.42°	1.66	1.43	0.30
A2B	-1.47°	1.97	1.51	0.30
A3	-0.92°	3.06	2.07	0.01
Intensive Survey II				
a	-1.34°	3.77	2.97	0.65
b	-1.32°	3.29	1.51	0.41
c	-0.47°	1.56	1.31	0.00
d	-1.37°	0.77	0.76	0.03
e	-0.42°	2.44	1.79	0.00
A1-1	-1.57°	2.49	1.14	0.19
A1-2	-1.60°	2.87	1.50	0.91
STANDARD SECTION CRUISES				
February				
A2	-1.33°	2.83	1.57	0.69
A3	-1.16°	2.12	1.45	0.86
A4	-0.46°	2.91	1.92	0.00
August				
A2	-1.52°	2.52	1.07	0.45
A3	-1.19°	2.05	2.05	0.45
A4	-0.76°	0.34	0.34	0.10
November				
A2	-0.18°	2.03	0.33	0.00
A3	$+0.51^{\circ}$	1.69	0.04	0.00
A4	$+2.39^{\circ}$	1.79	0.00	0.00

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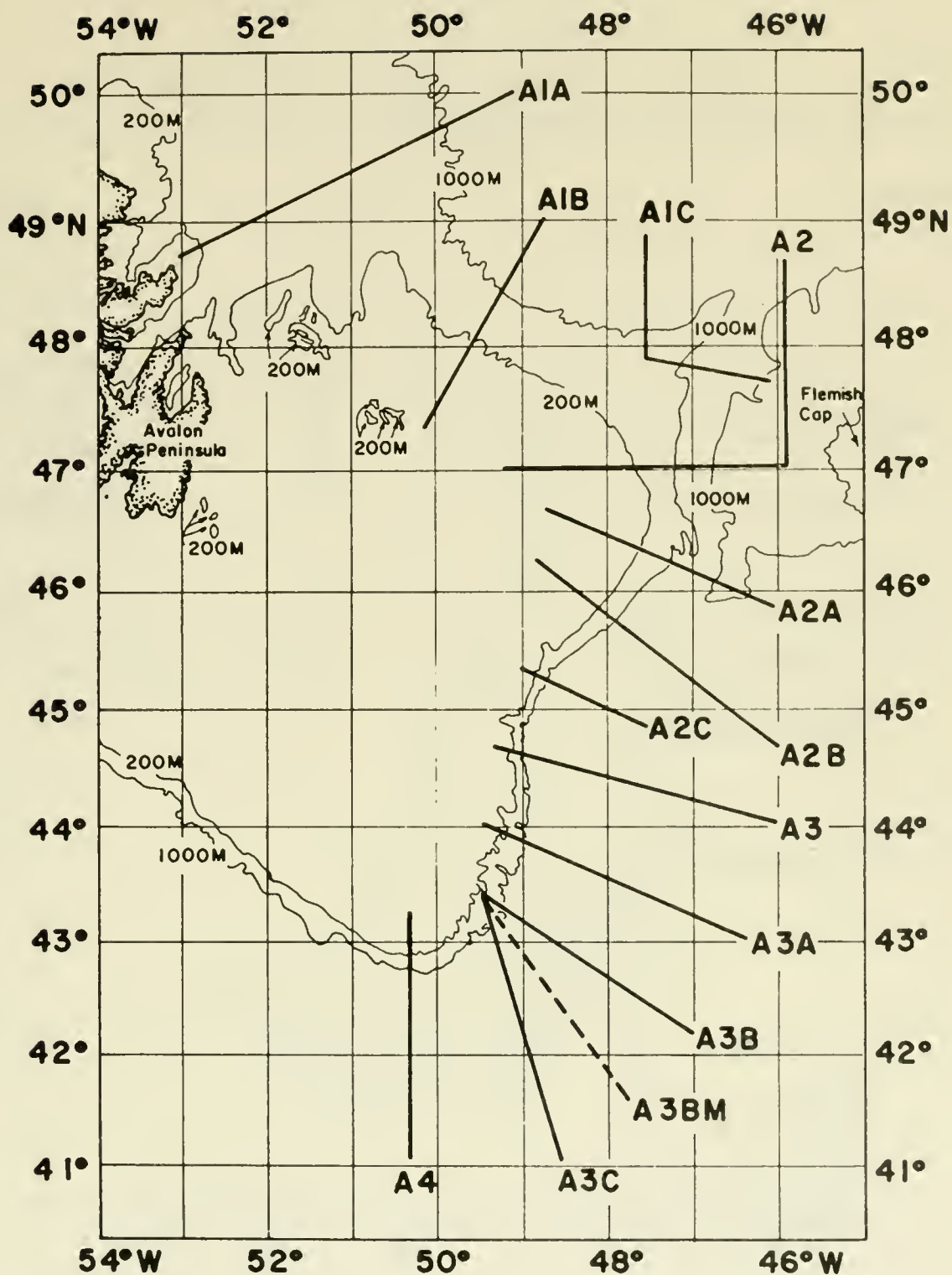


FIGURE 1. Locations of Standard and International Ice Patrol monitoring sections near the Grand Banks of Newfoundland.

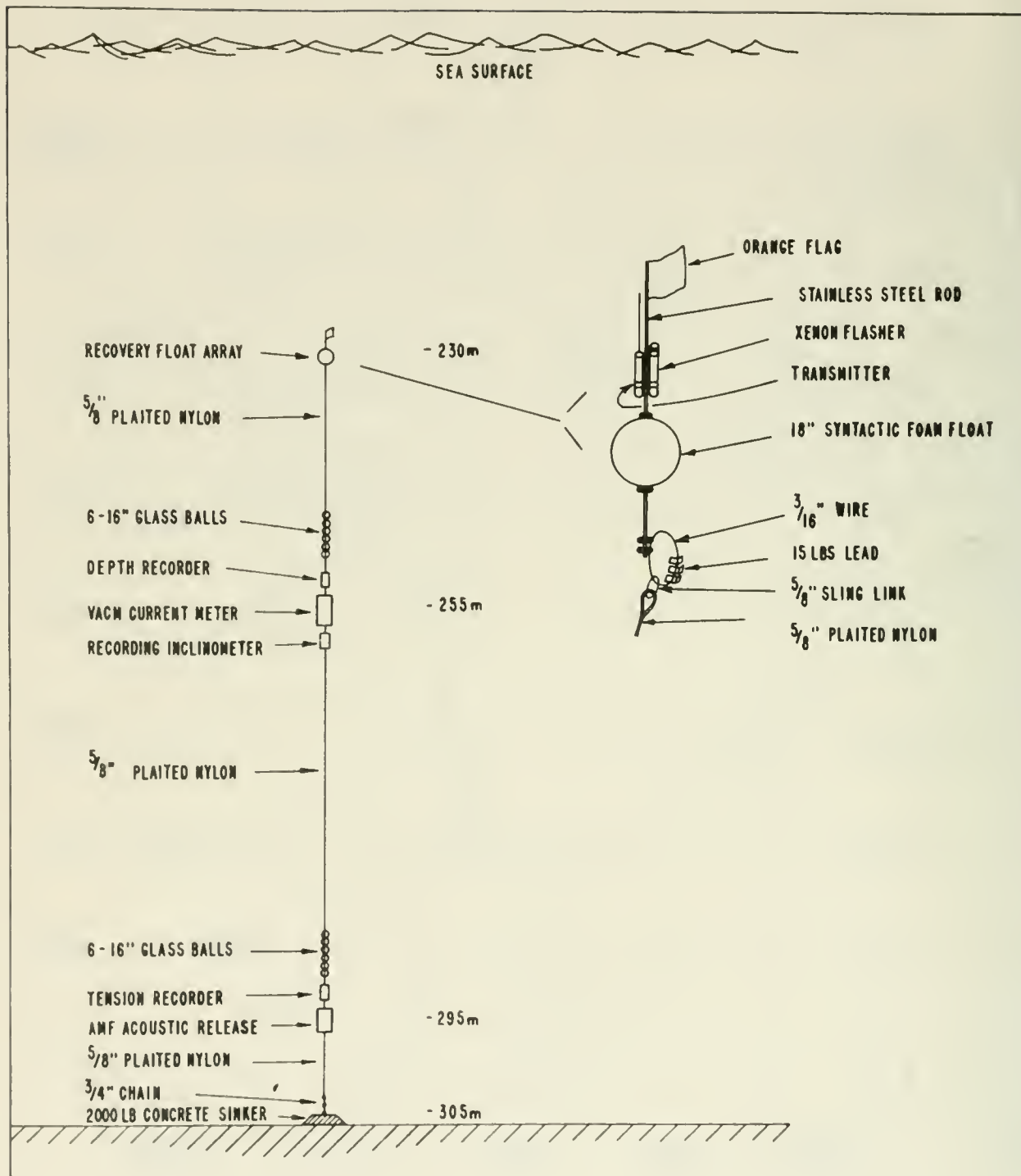


FIGURE 2. Schematic diagram of current meter mooring deployed during 1975.

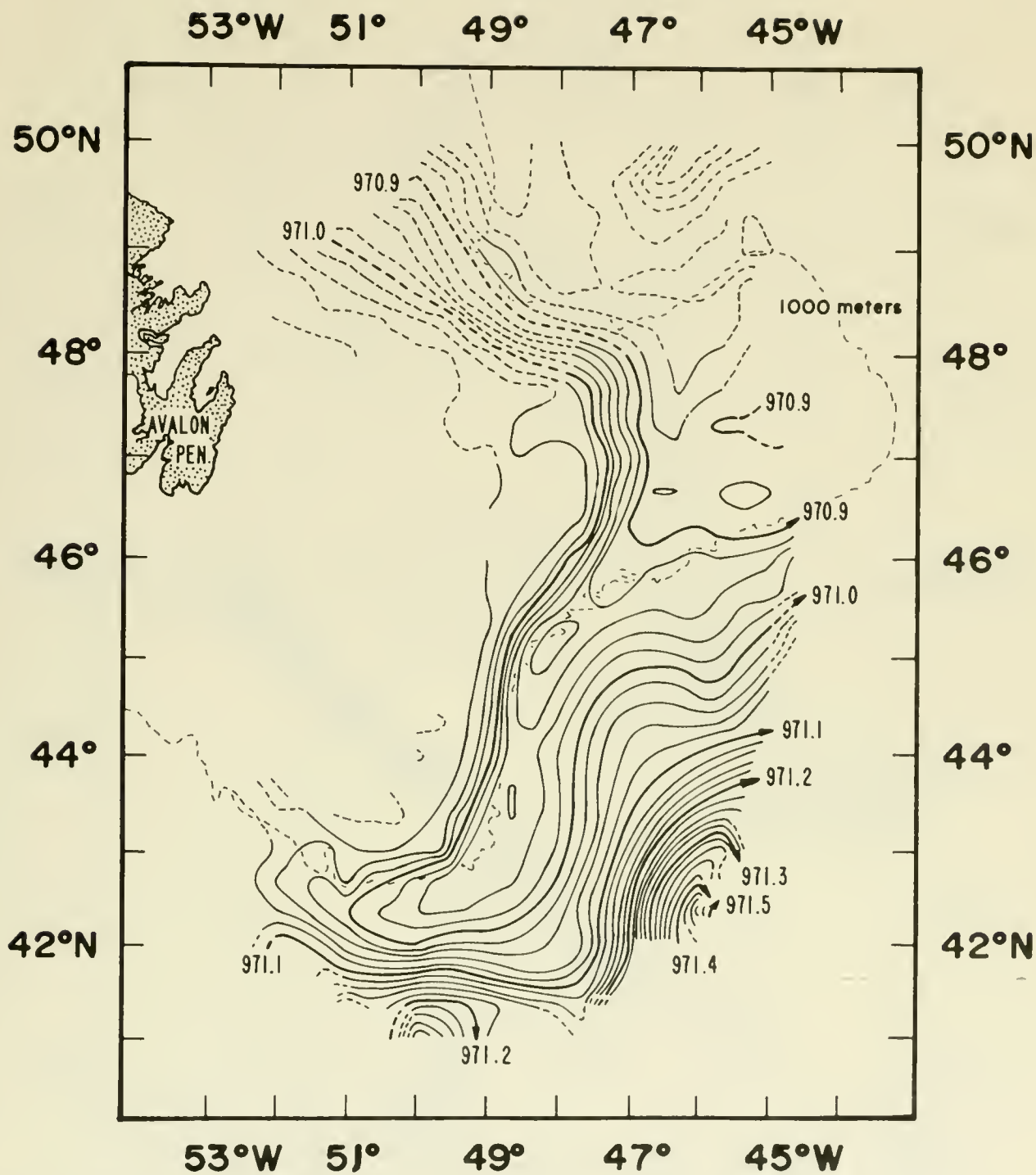


FIGURE 3. Normal dynamic topography of the sea surface relative to 1000 decibars for April (Seoble, 1976). Contour interval is 2 dynamic centimeters.

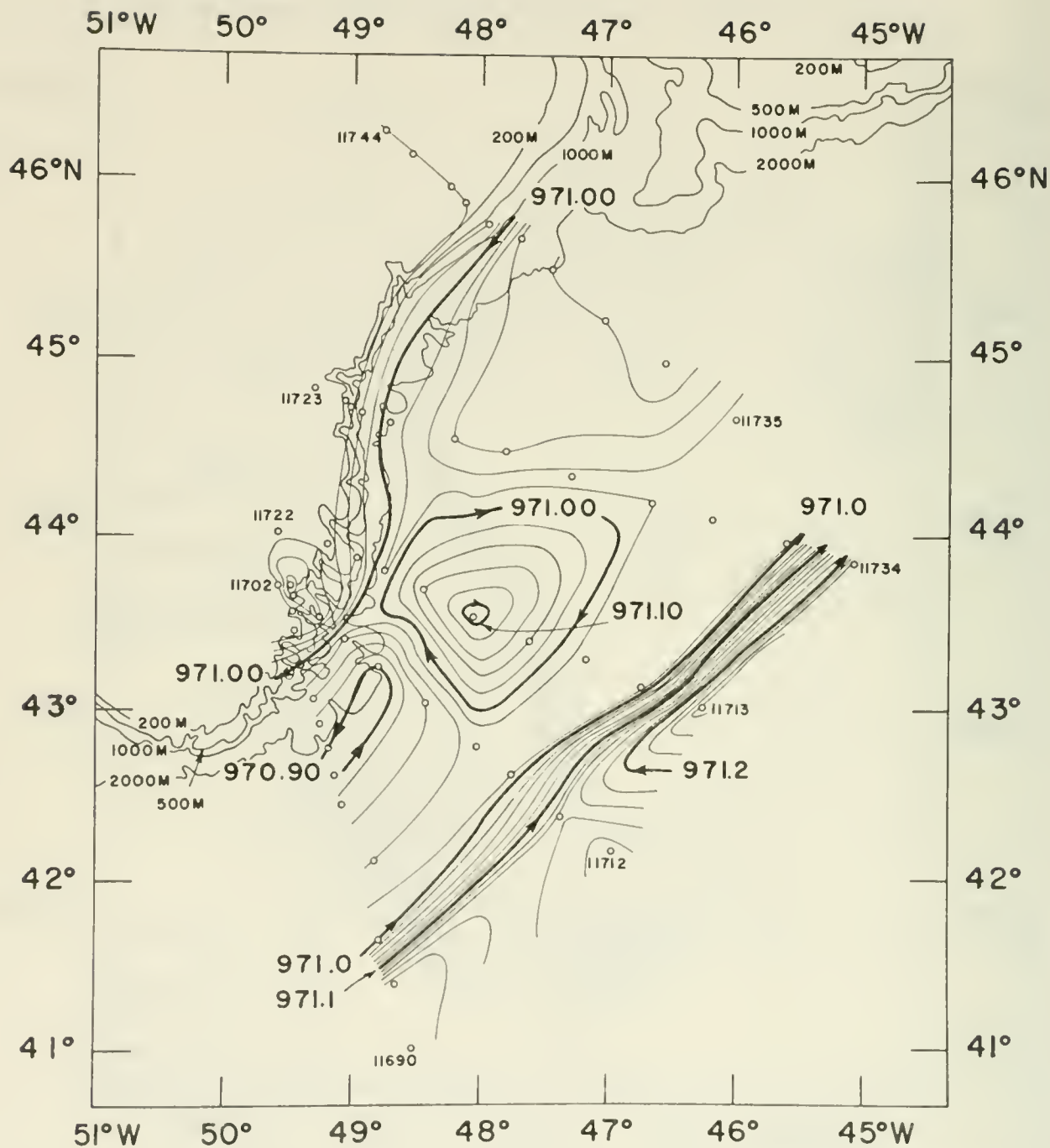


FIGURE 1. Sea surface dynamic topography relative to 1000 decibars, from data collected by CGC EVERGREEN, 4-15 April. Oceanographic station positions are indicated and station numbers are given at turning points. Heads of arrows indicate direction of geostrophic current.

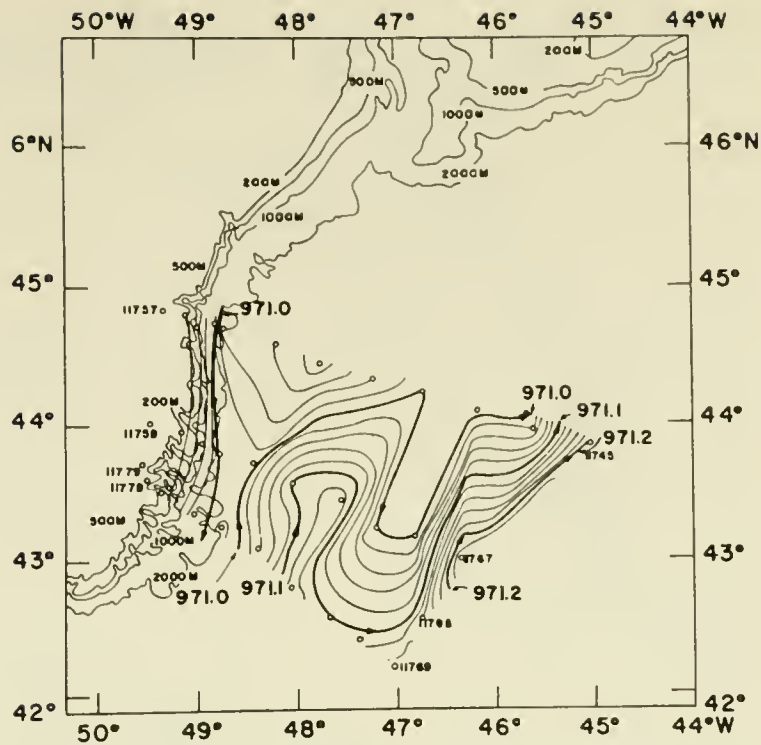


FIGURE 5. Sea surface dynamic topography relative to 1000 decibars, from data collected by CGC EVERGREEN, 21-25 April. Oceanographic station positions are indicated and station numbers are given at turning points. Heads of arrows indicate direction of geostrophic current.

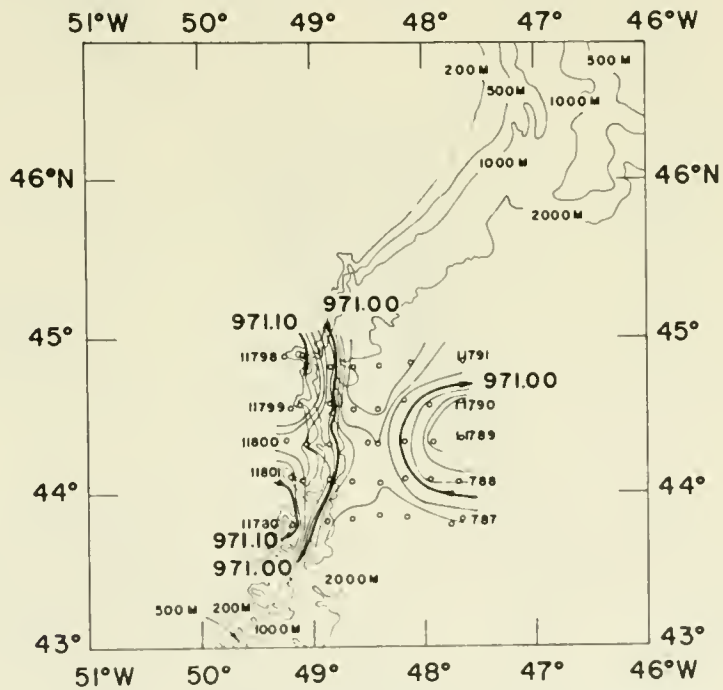


FIGURE 6. Sea surface dynamic topography relative to 1000 decibars, from data collected by CGC EVERGREEN, 26-28 May. Oceanographic station positions are indicated and the station numbers are given at turning points. Heads of arrows indicate direction of geostrophic current.

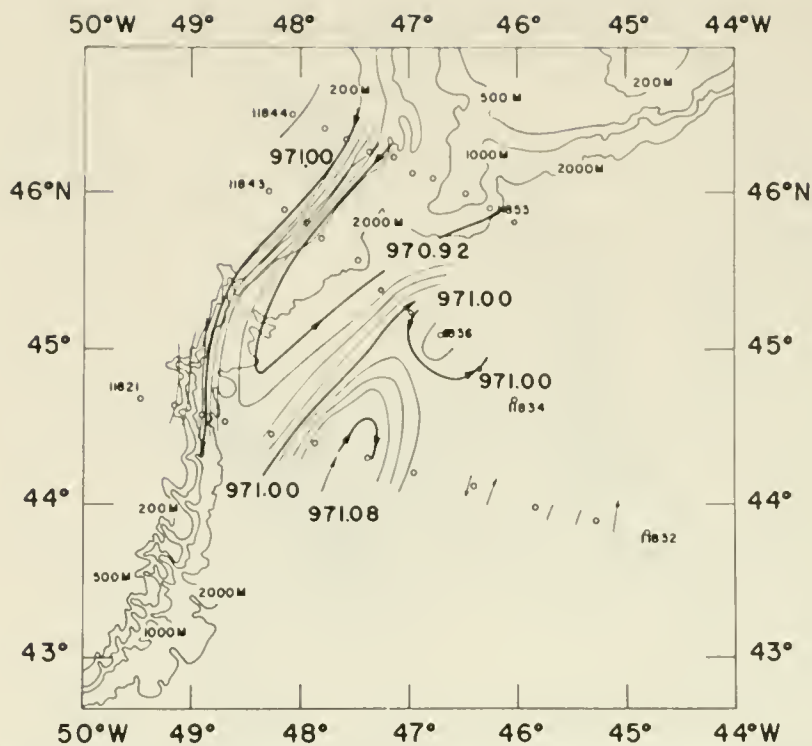


FIGURE 7. Sea surface dynamic topography relative to 1000 decibars, from data collected by CGC EVERGREEN, 29 May-1 June. Oceanographic station positions are indicated and the station numbers are given at turning points. Heads of arrows indicate direction of geostrophic current.

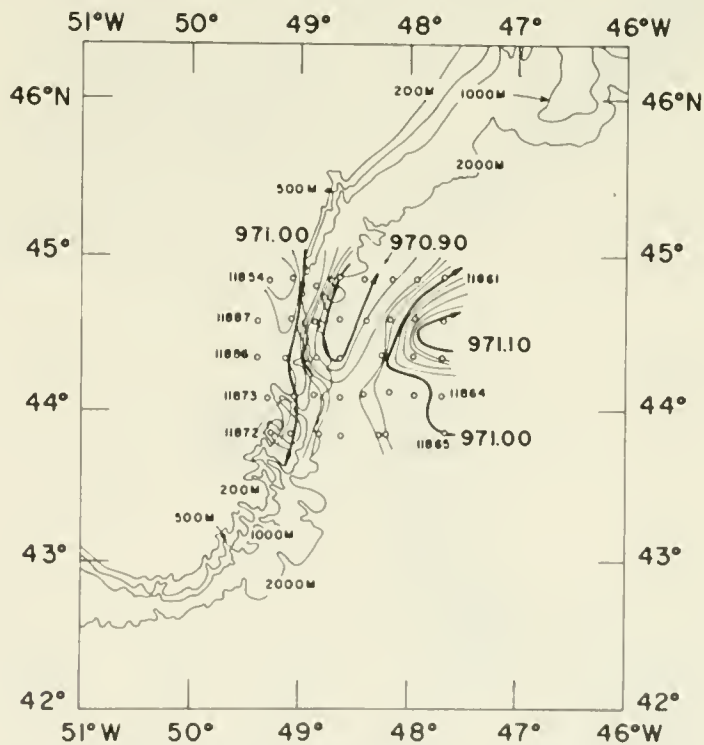


FIGURE 8. Sea surface dynamic topography relative to 1000 decibars, from data collected by CGC EVERGREEN, 3-6 June. Oceanographic station positions are indicated and the station numbers are given at turning points. Heads of arrows indicate direction of geostrophic current.

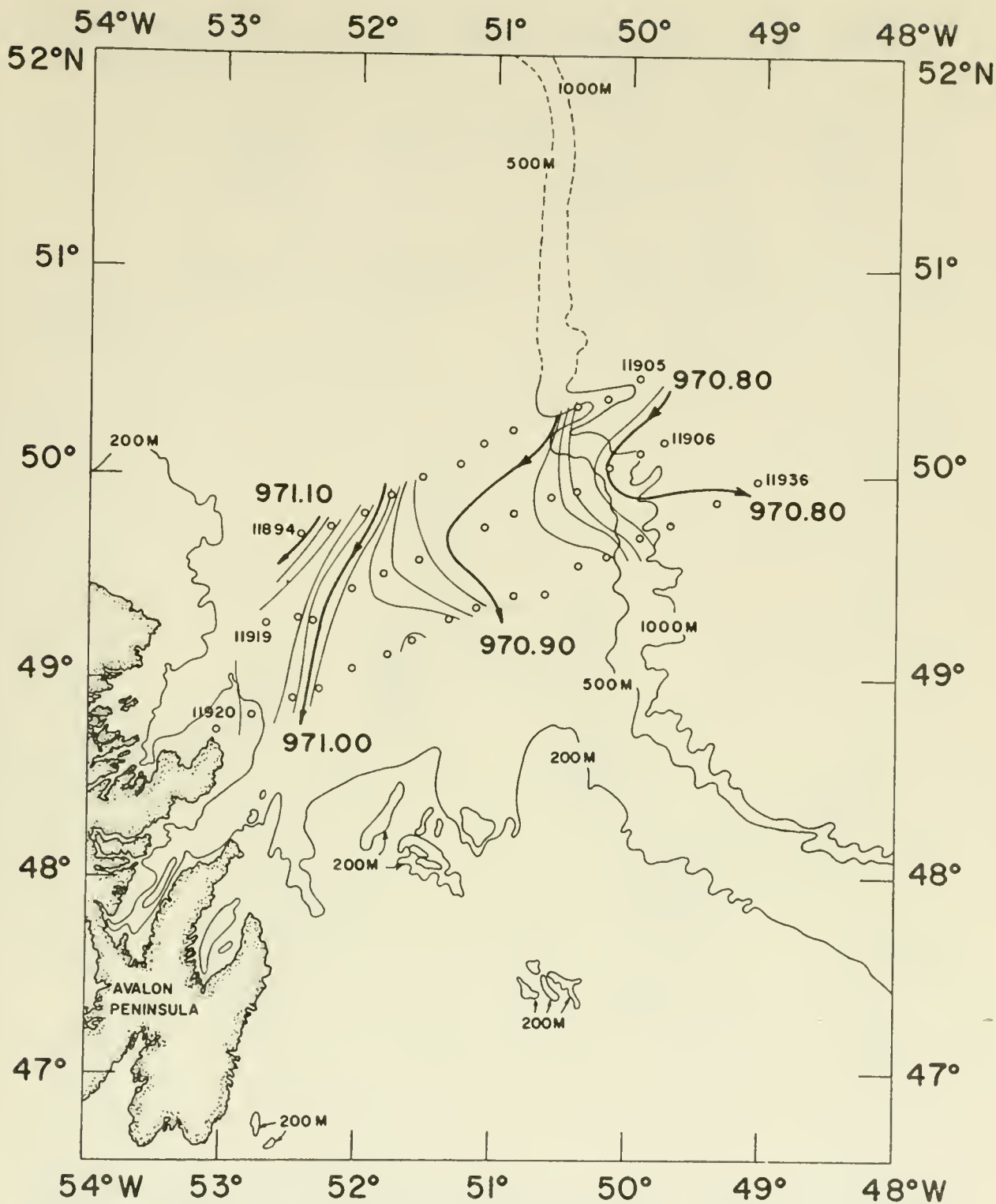


FIGURE 9. Sea surface dynamic topography relative to 1000 decibars, from data collected by CGC EVERGREEN, 16-17 June. Oceanographic station positions are indicated and the station numbers are given at turning points. Heads of arrows indicate direction of geostrophic current.

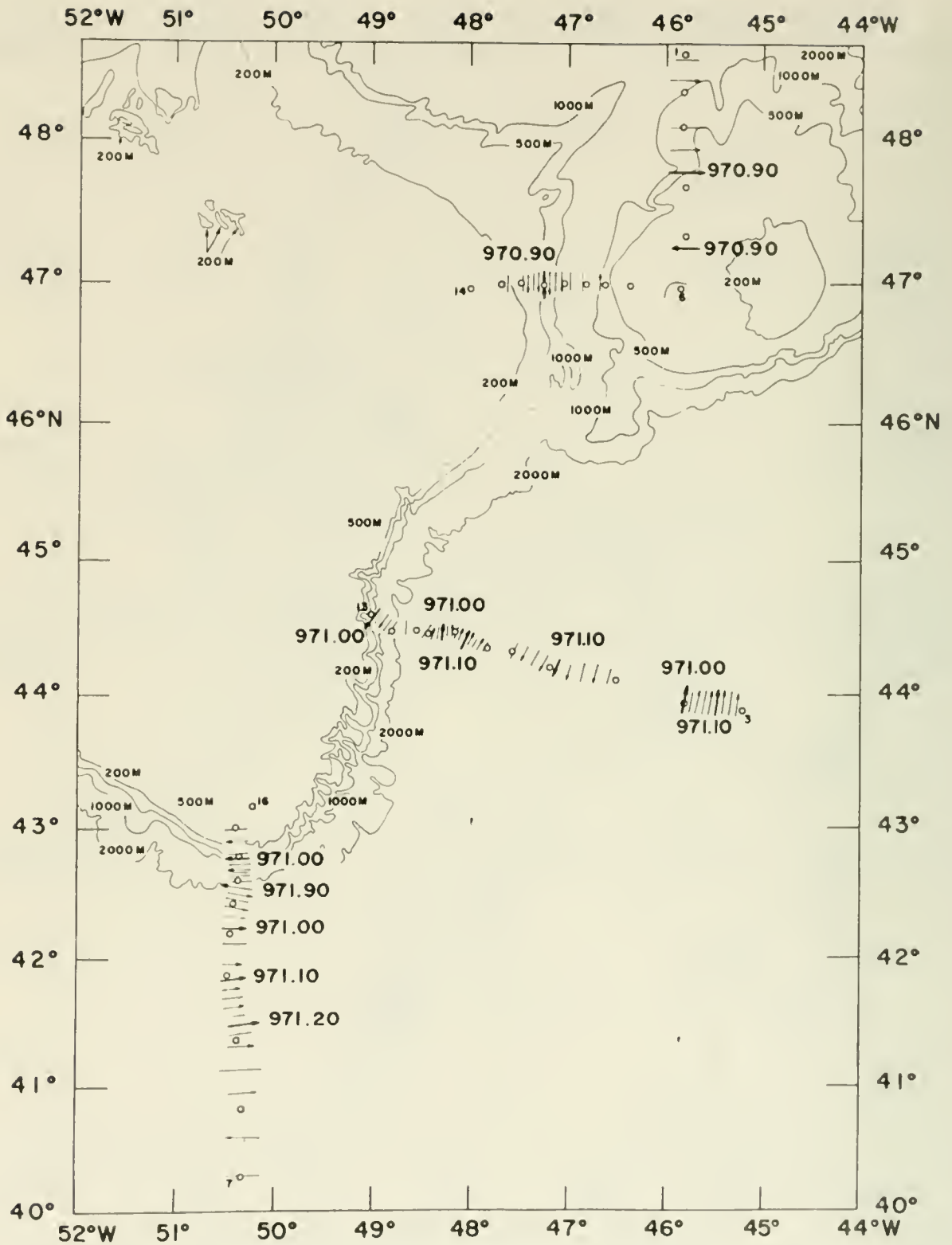


FIGURE 10. Sea surface dynamic topography relative to 1000 decibars, from data collected by CGC CHASE, 2-17 February. Oceanographic positions are indicated. Heads of arrows indicate direction of geostrophic current.

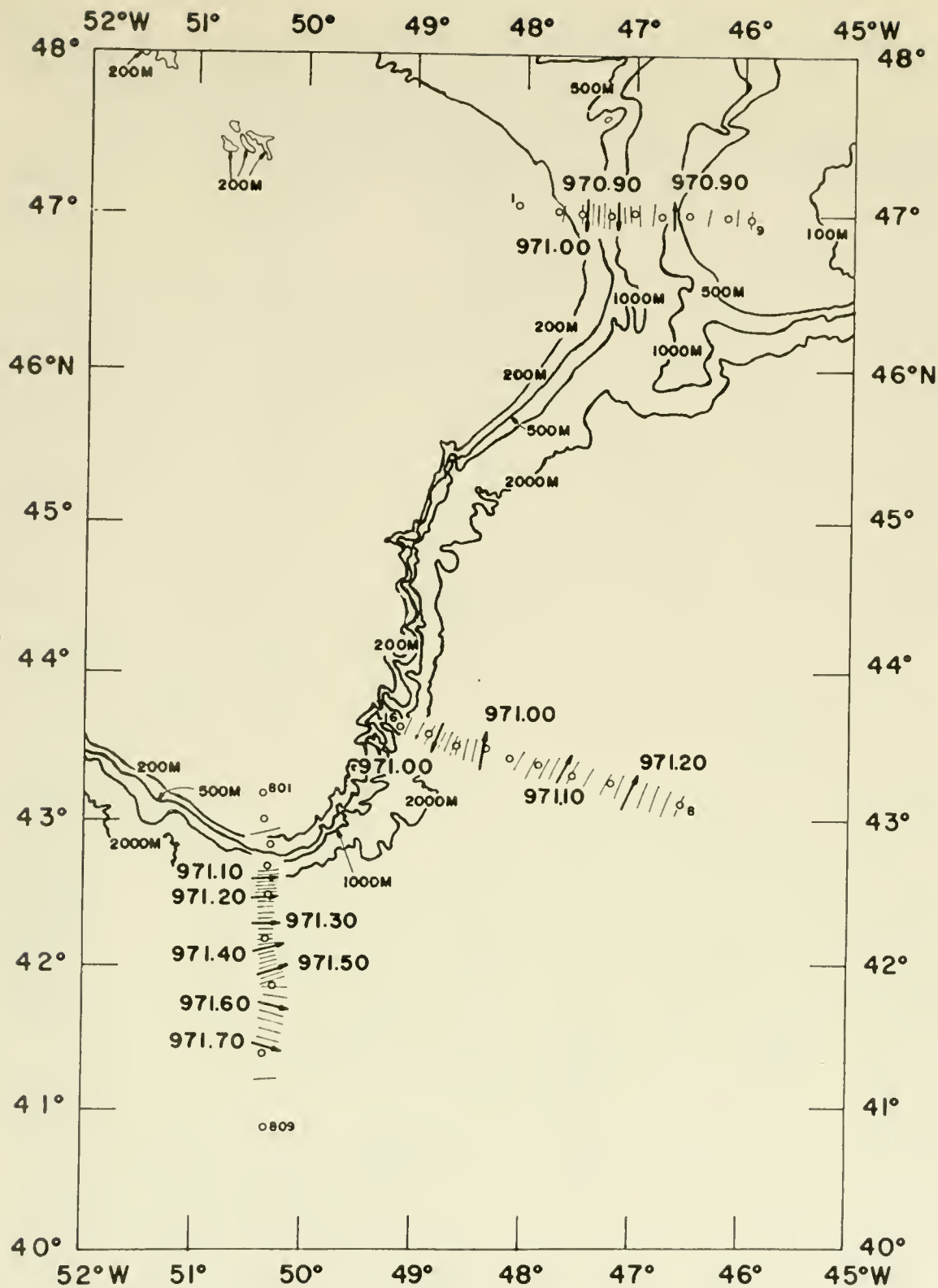


FIGURE 11. Sea surface dynamic topography relative to 1000 decibars, from data collected by CGC CHASE, 30 August–4 September. Oceanographic positions are indicated. Heads of arrows indicate direction of geostrophic current.

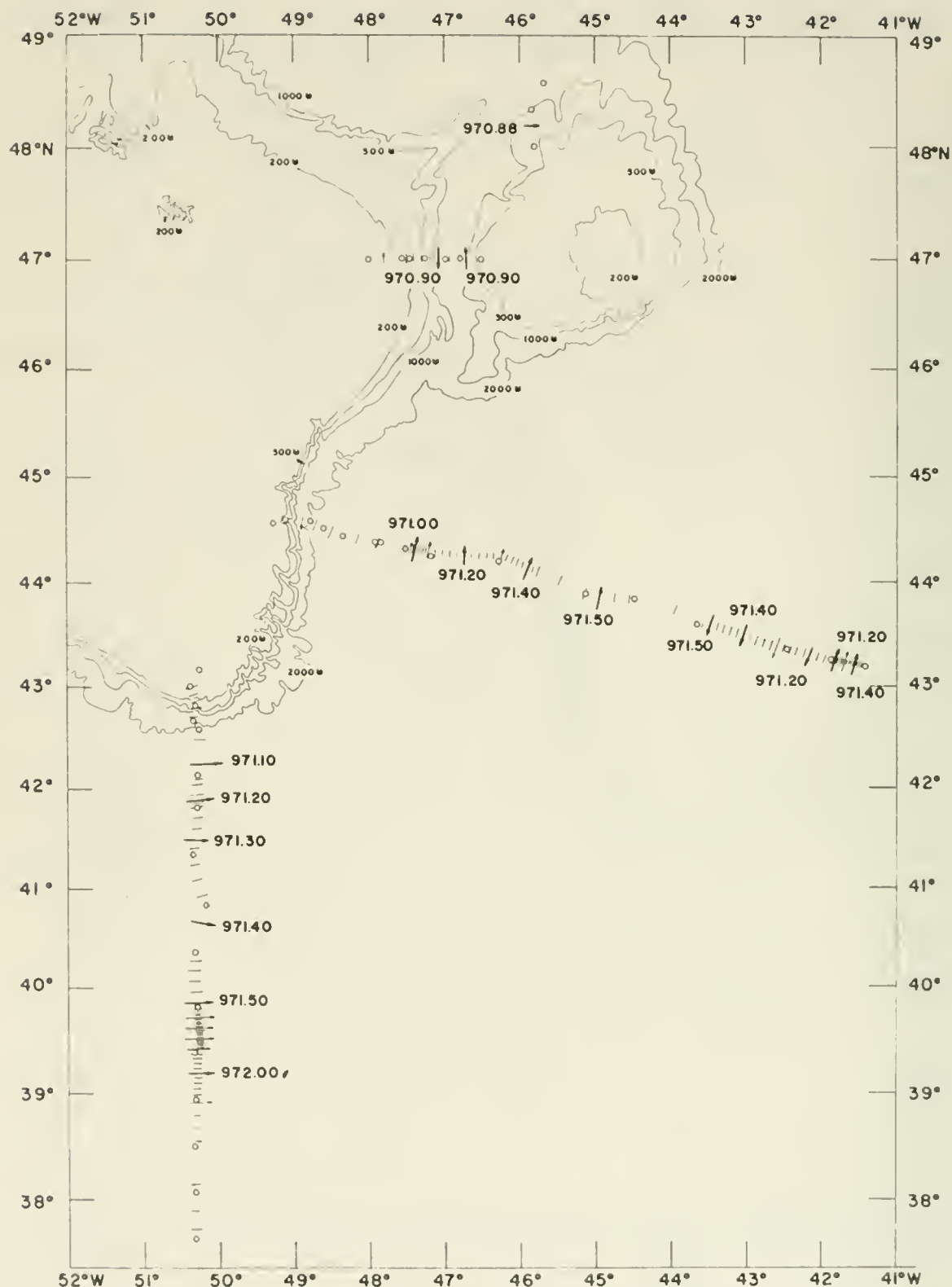


FIGURE 12. Sea surface dynamic topography relative to 1000 decibars, from data collected by CGC HAMILTON, 15-23 November. Oceanographic station positions are indicated. Heads of arrows indicate direction of geostrophic current.

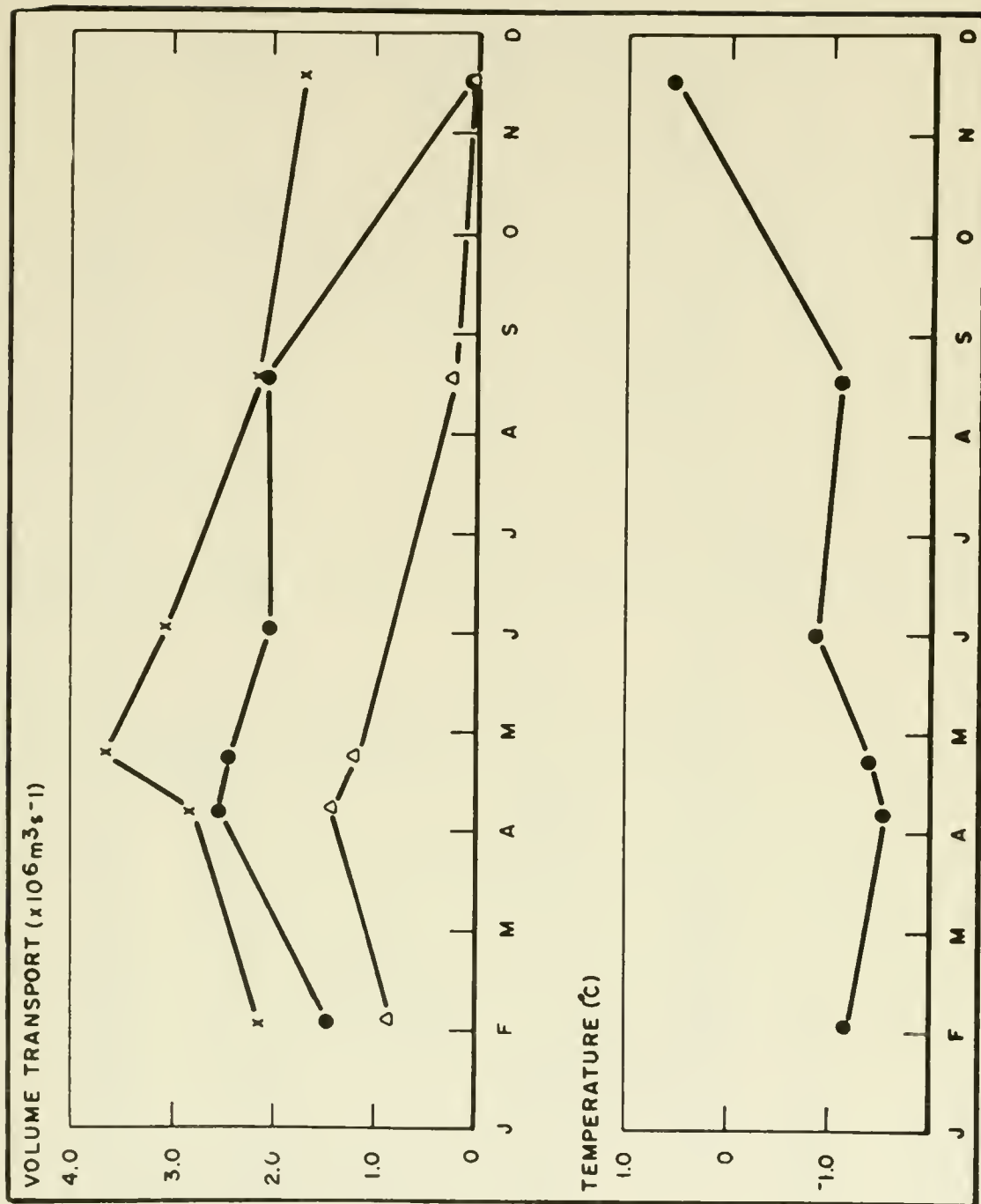


FIGURE 13. Total volume transport (x—x), transport of water $< 2^\circ\text{C}$ (---), transport of water $< 0^\circ\text{C}$ (Δ — Δ), and minimum temperature ($^\circ\text{C}$) measured at section A3 during 1975.

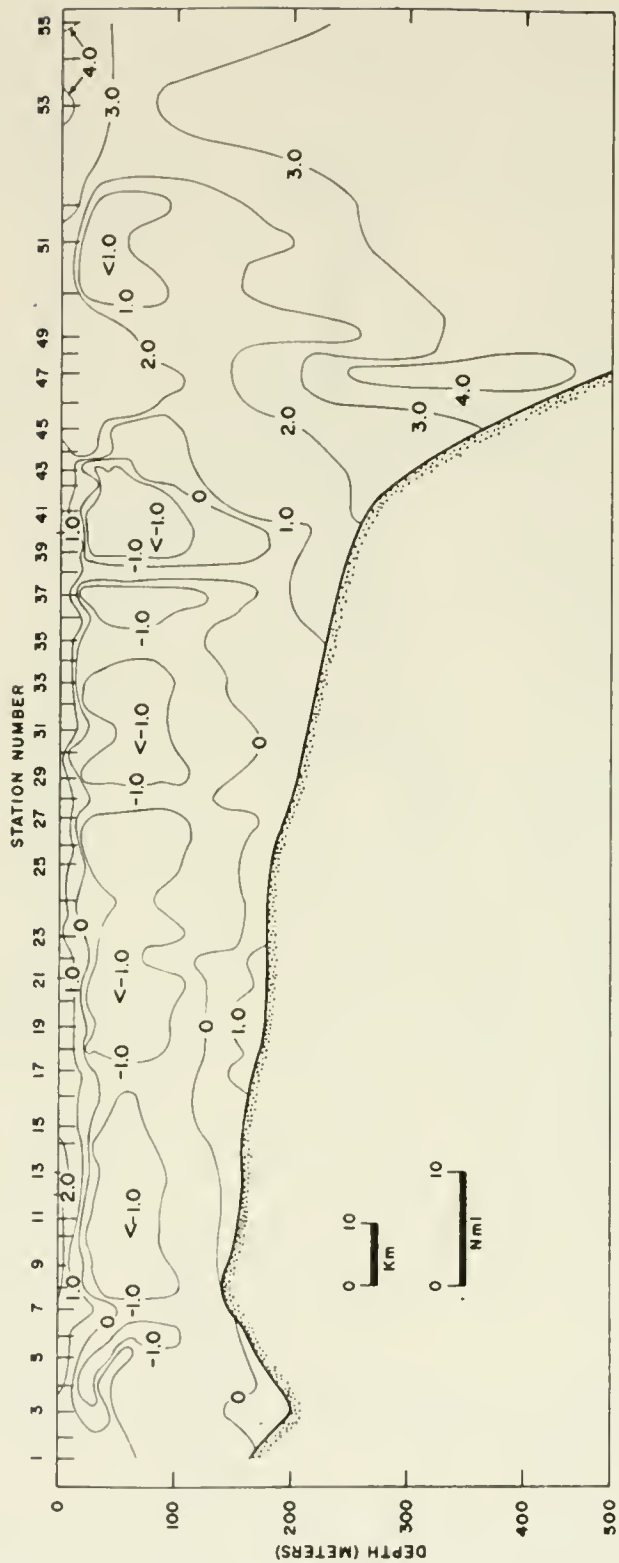


FIGURE 14. Vertical temperature ($^{\circ}\text{C}$) profile for Section A1 derived from 54 NBT observations on 30 June.

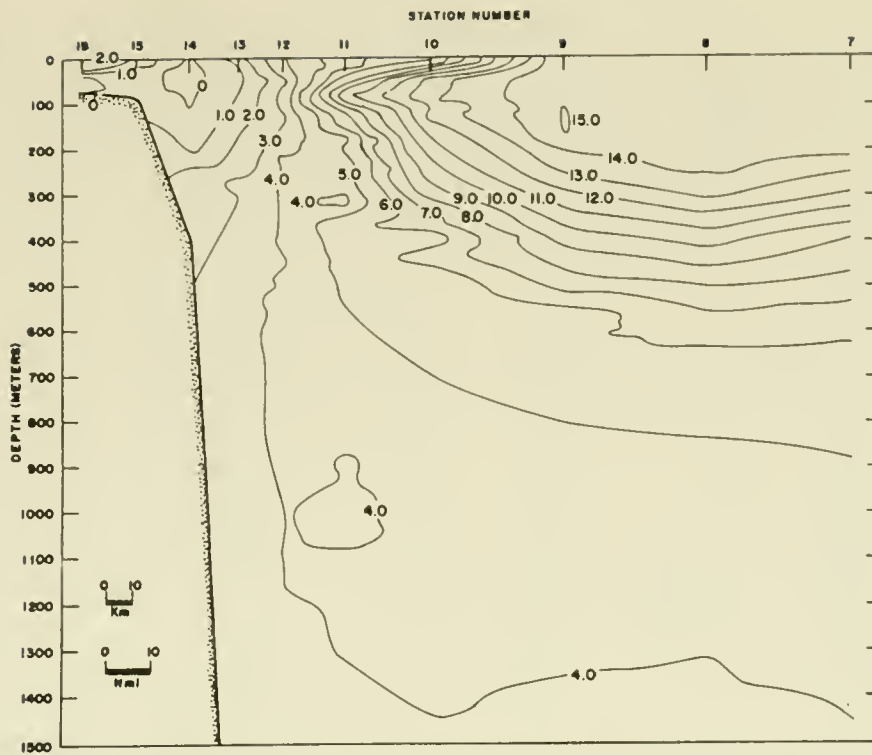


FIGURE 15a. Vertical temperature ($^{\circ}\text{C}$) profile for section A4 from data obtained by CGC CHASE, 8-9 February 1975.

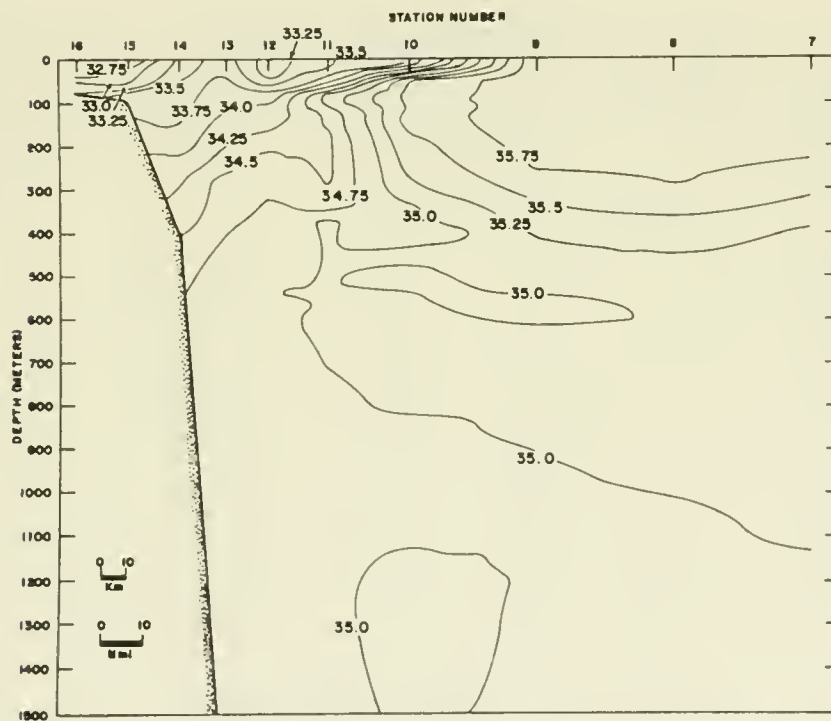


FIGURE 15b. Vertical salinity (‰) profile for section A4 from data obtained by CGC CHASE, 8-9 February 1975.

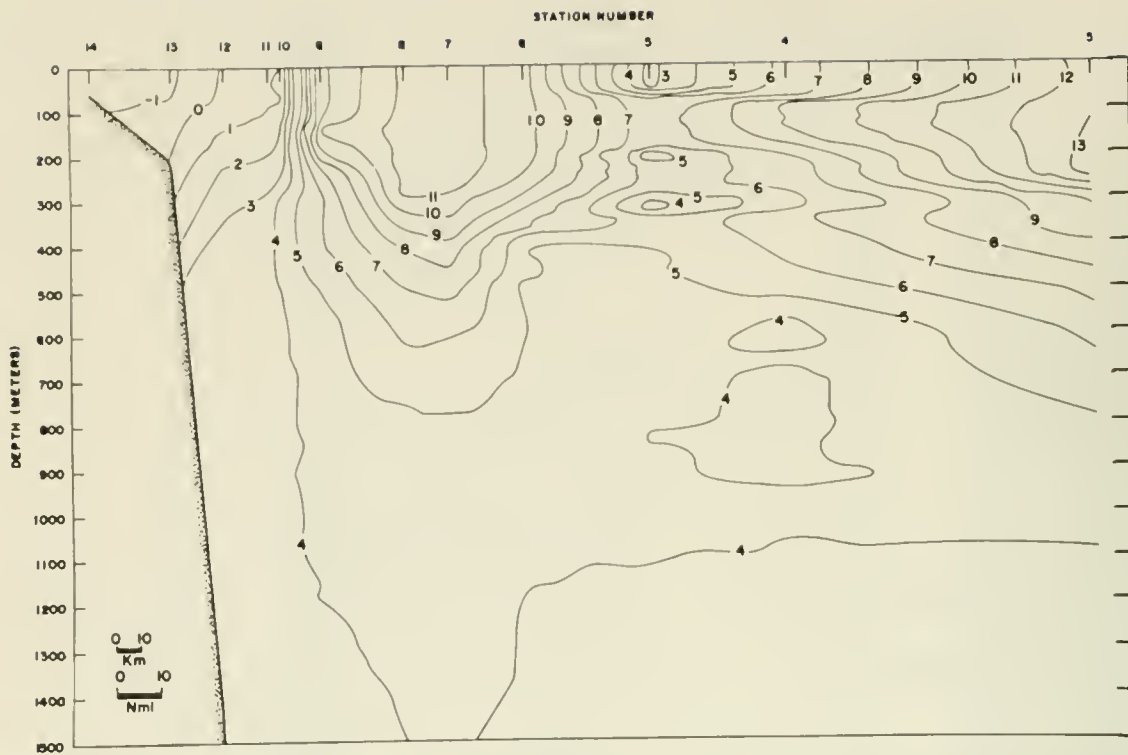


FIGURE 16a. Vertical temperature ($^{\circ}\text{C}$) profile for section A3 from data obtained by CGC CHASE, 9-11 February 1975.

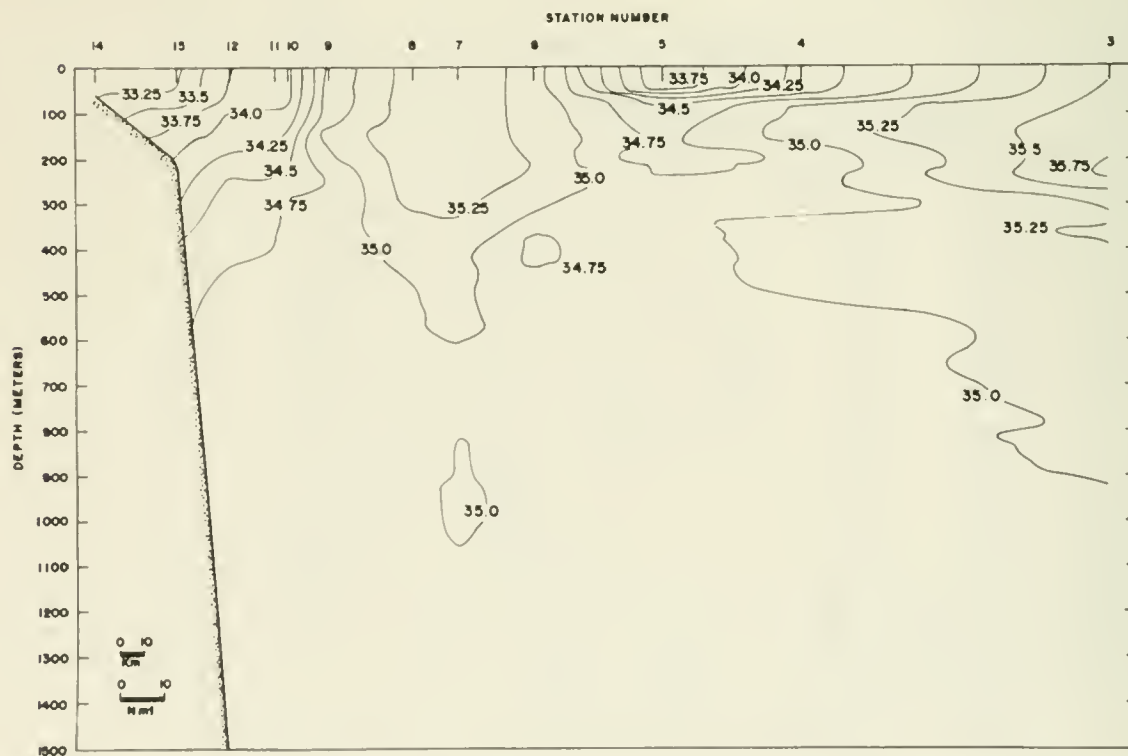


FIGURE 16b. Vertical salinity (‰) profile for section A3 from data obtained by CGC CHASE, 9-11 February 1975.

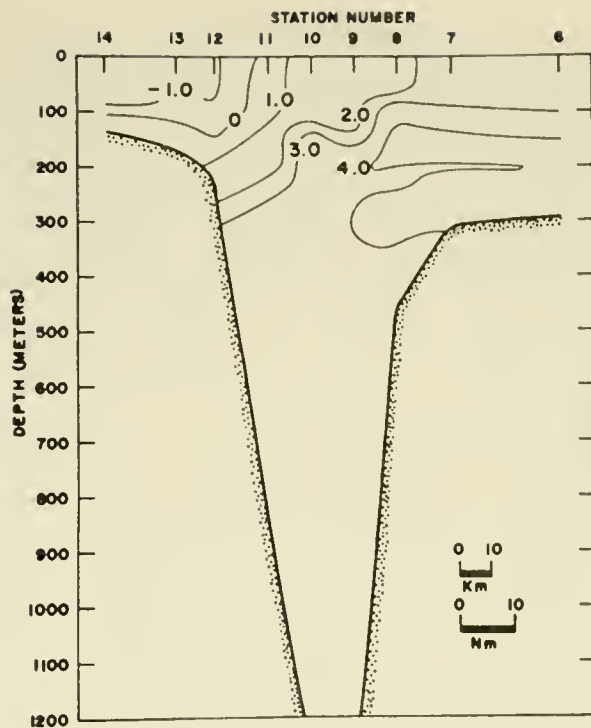


FIGURE 17a. Vertical temperature ($^{\circ}\text{C}$) profile for section A2 from data obtained by CGC CHASE, 12-13 February 1975.

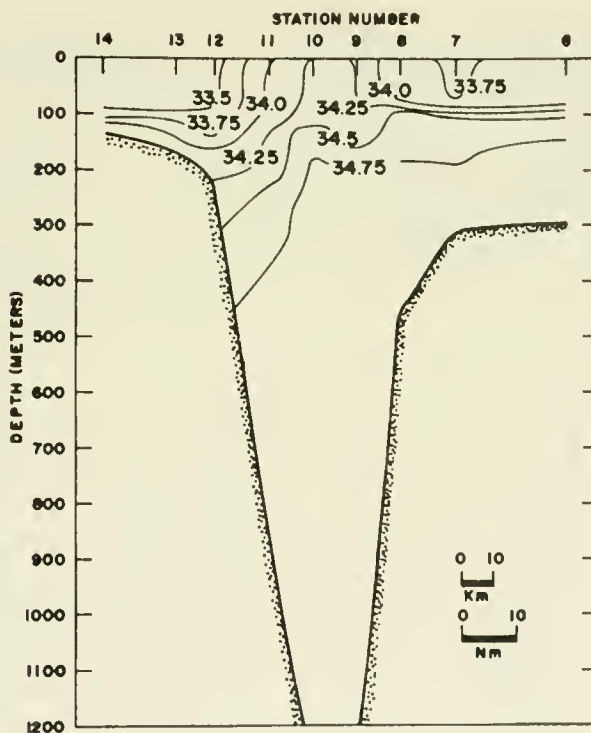


FIGURE 17b. Vertical salinity (‰) profile for section A2 from data obtained by CGC CHASE, 12-13 February 1975.

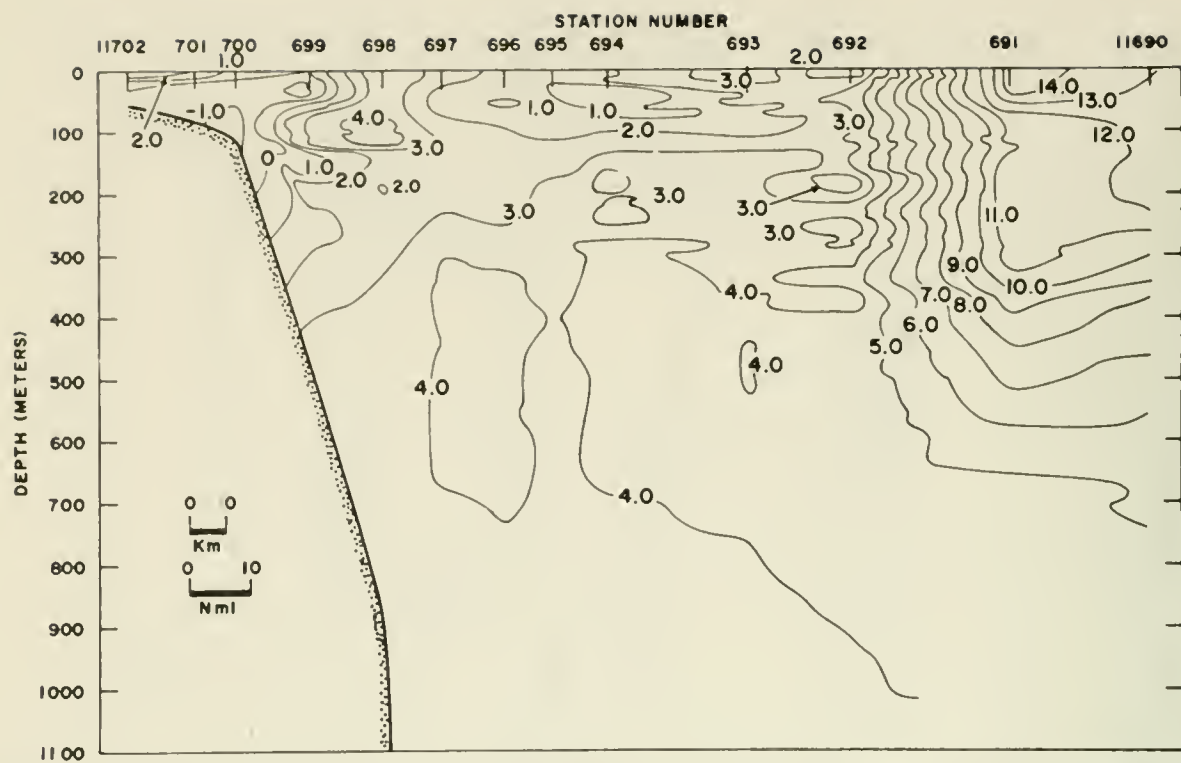


FIGURE 18a. Vertical temperature ($^{\circ}\text{C}$) profile for section A3C from data obtained by CGC EVERGREEN, 8-9 April 1975.

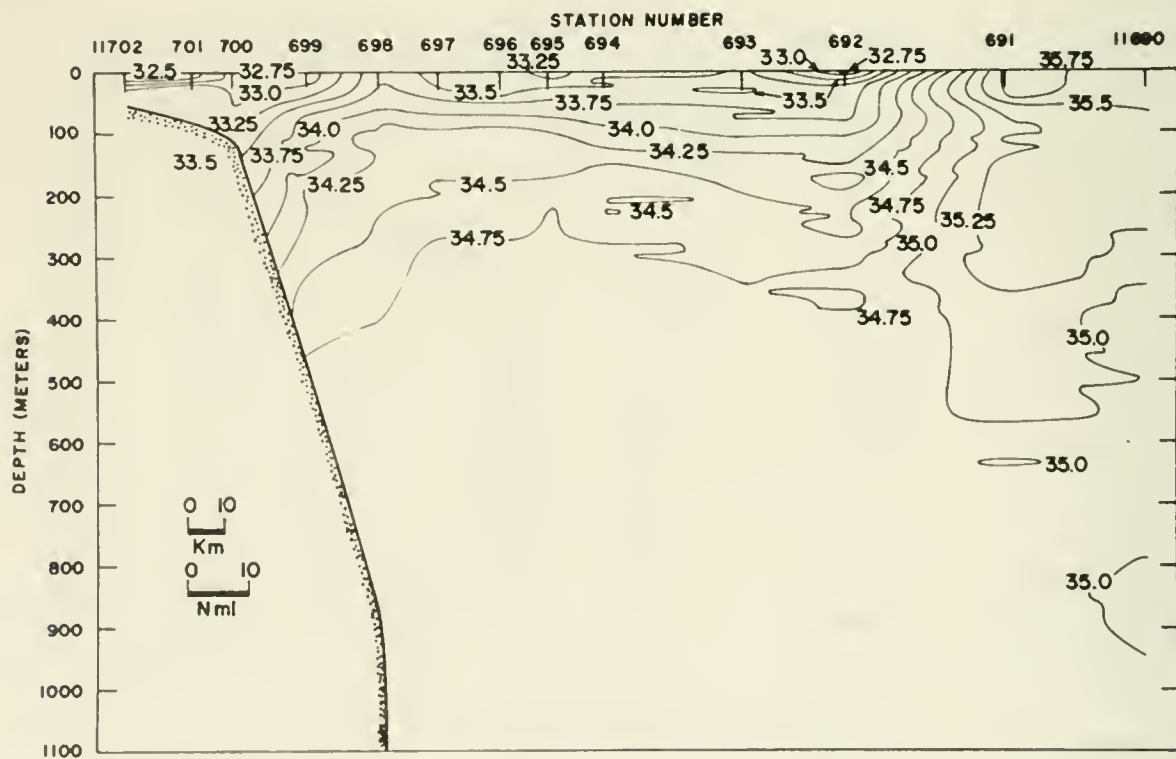


FIGURE 18b. Vertical salinity (‰) profile for section A3C from data obtained by CGC EVERGREEN, 8-9 April 1975.

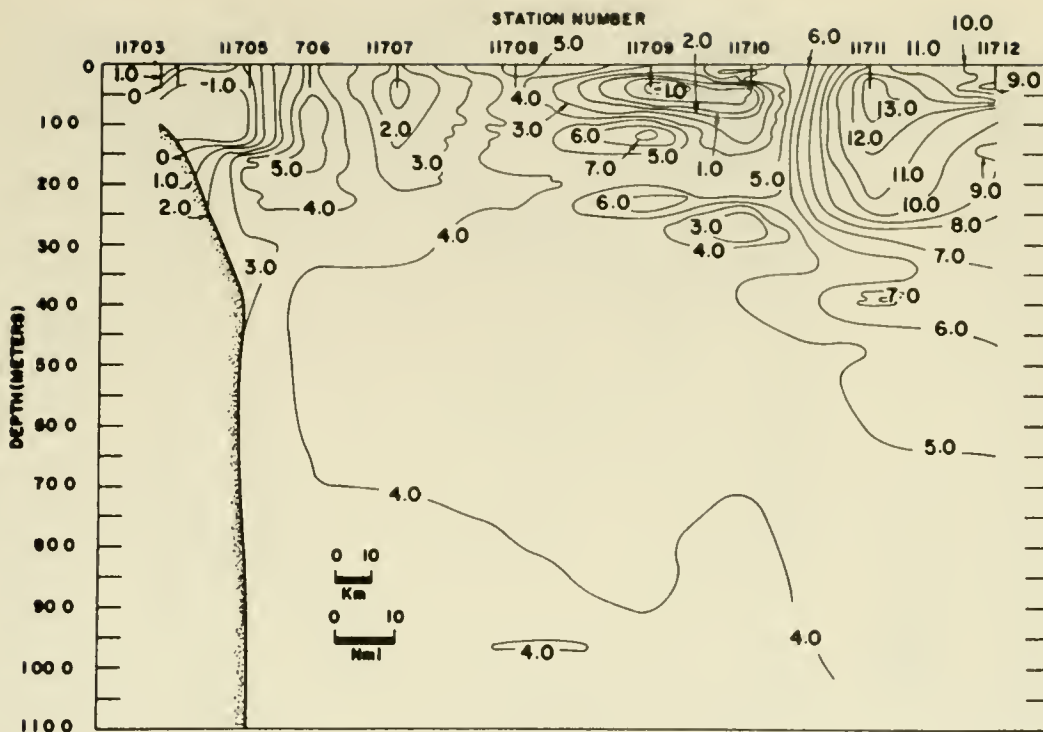


FIGURE 19a. Vertical temperature ($^{\circ}\text{C}$) profile for section A3B from data obtained by CGC EVERGREEN, 9-10 April 1975.

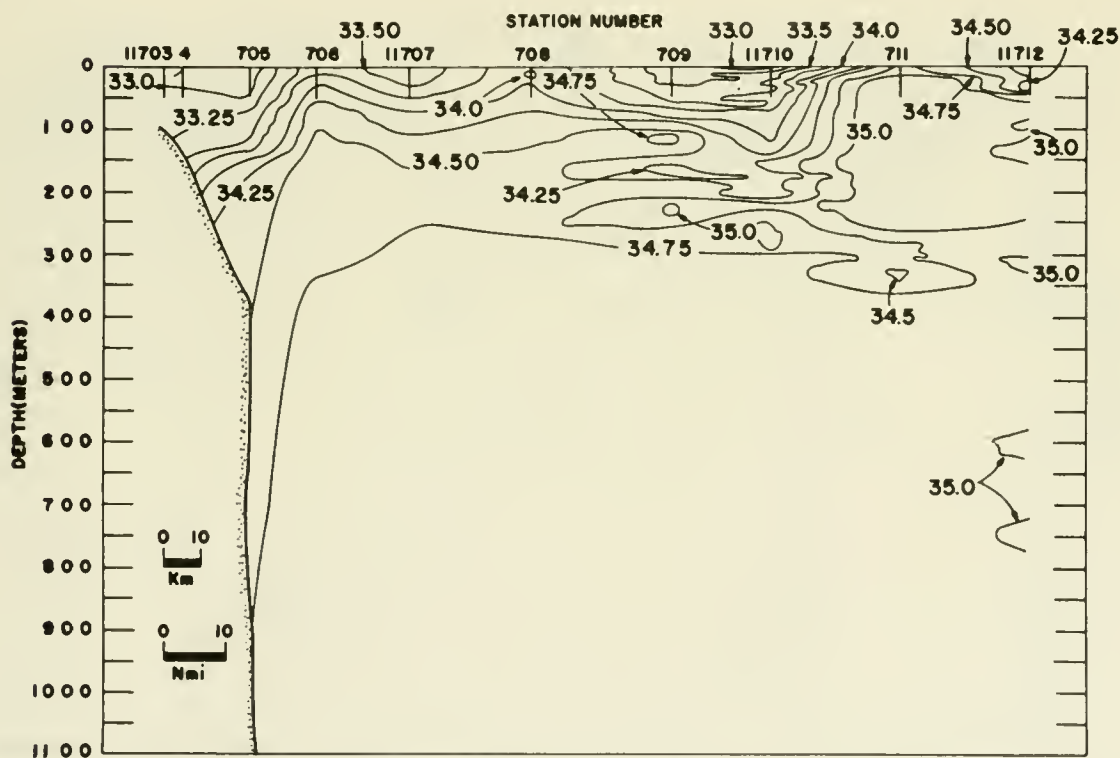


FIGURE 19b. Vertical salinity (‰) profile for section A3B from data obtained by CGC EVERGREEN, 9-10 April 1975.

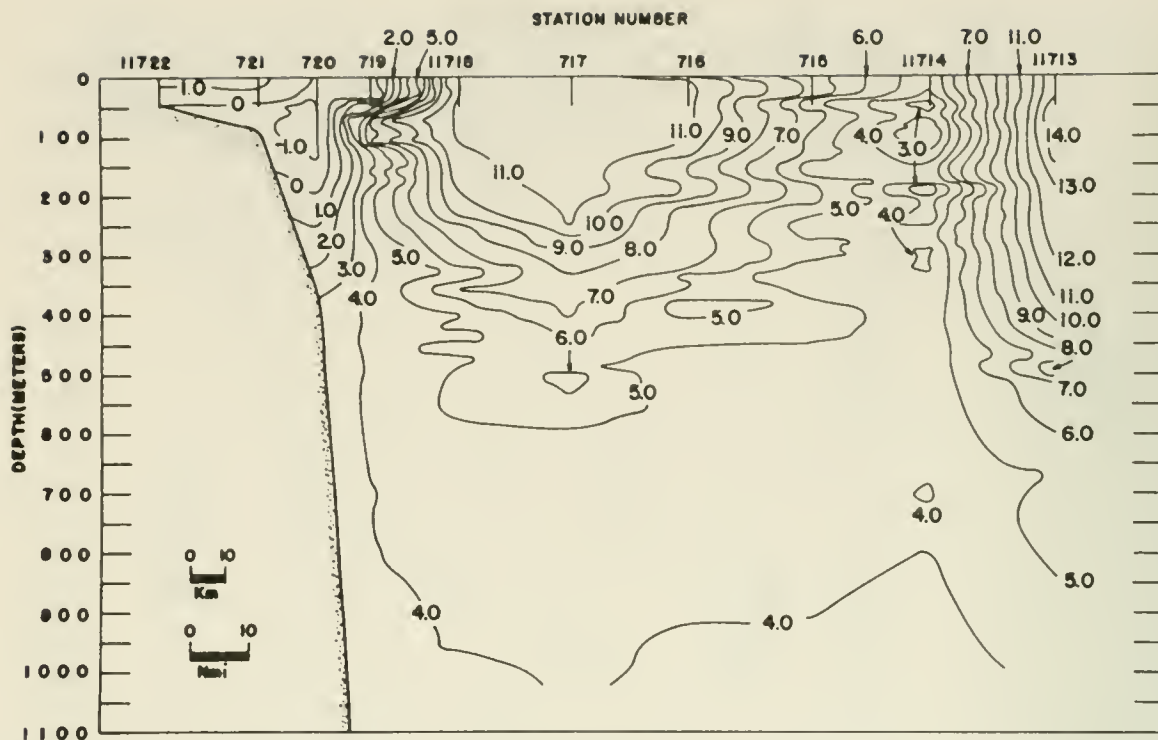


FIGURE 20a. Vertical temperature ($^{\circ}\text{C}$) profile for section A3A from data obtained by CGC EVERGREEN, 10-12 April 1975.

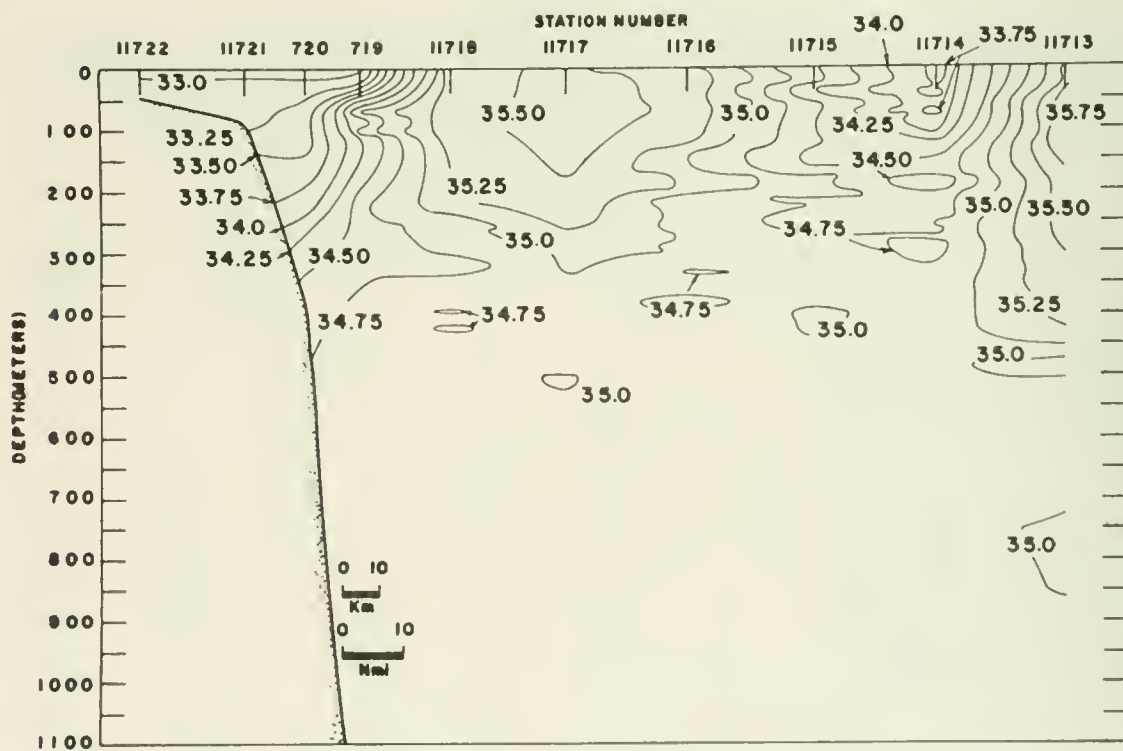


FIGURE 20b. Vertical salinity (‰) profile for section A3A from data obtained by CGC EVERGREEN, 10-12 April 1975.

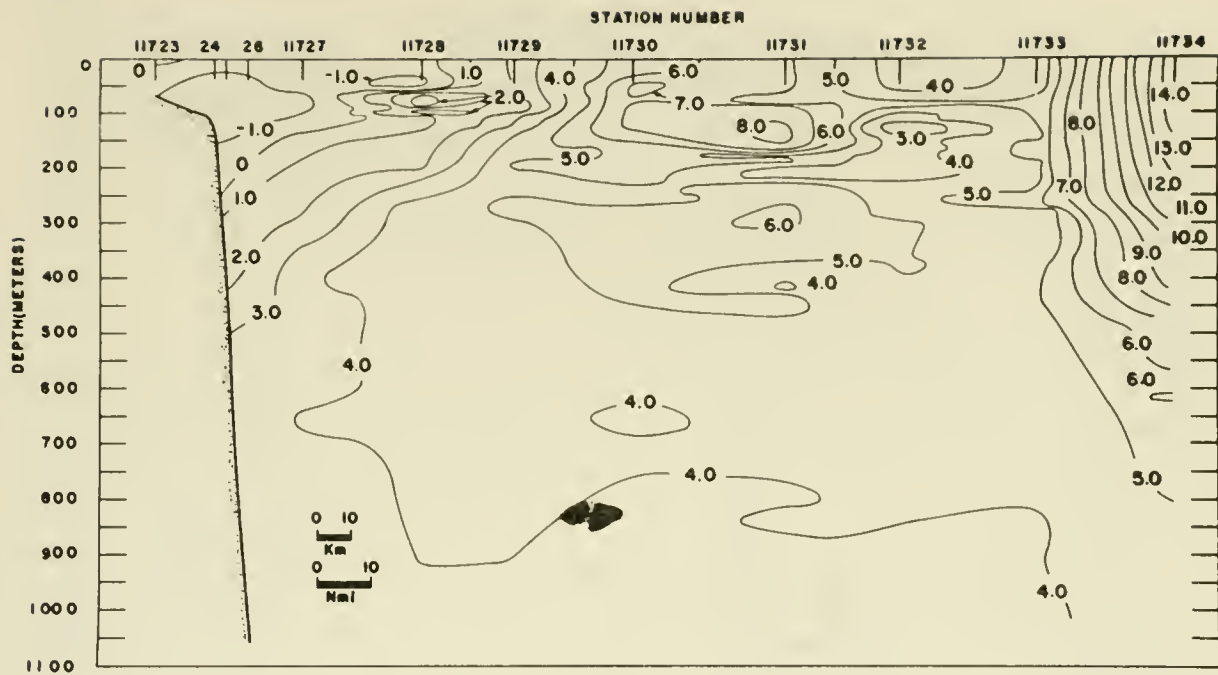


FIGURE 21a. Vertical temperature ($^{\circ}\text{C}$) profile for section A3 from data obtained by CGC EVERGREEN, 12-14 April 1975.

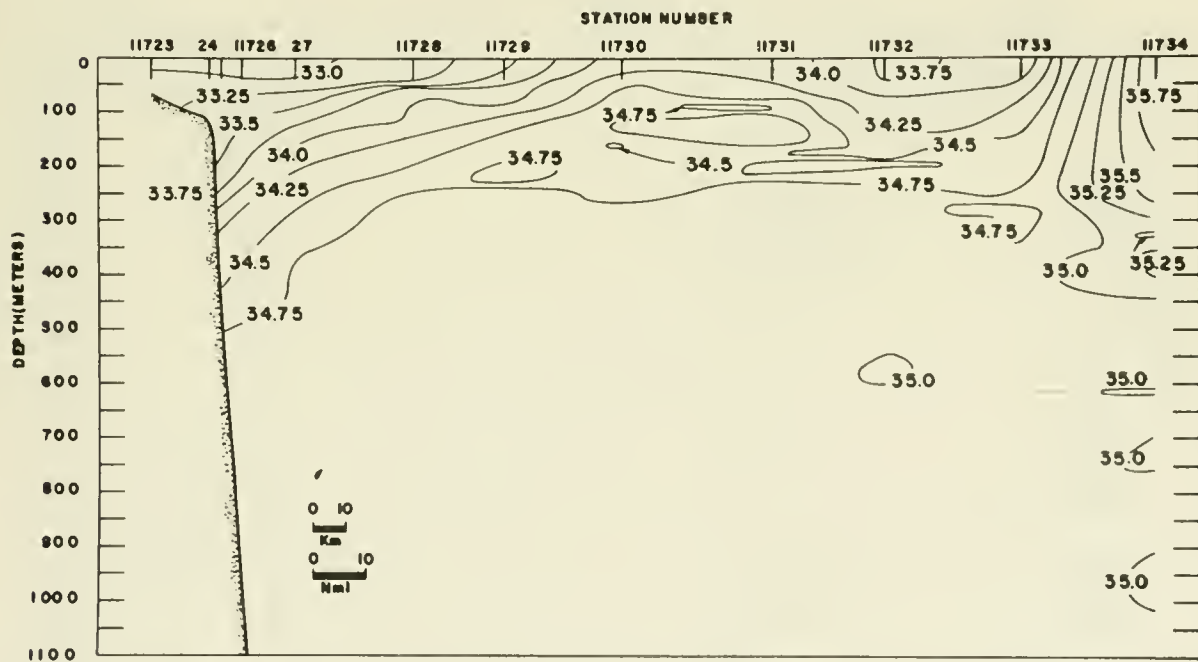


FIGURE 21b. Vertical salinity (‰) profile for section A3 from data obtained by CGC EVERGREEN, 12-14 April 1975.

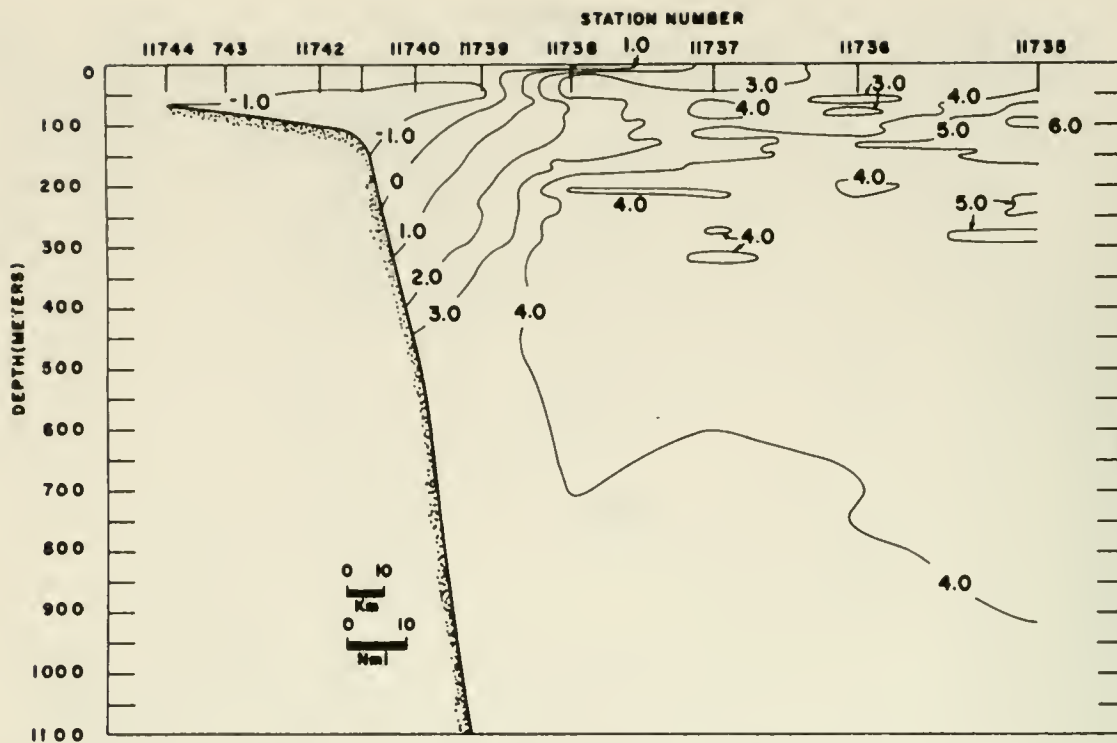


FIGURE 22a. Vertical temperature ($^{\circ}\text{C}$) profile for section A2B from data obtained by CGC EVERGREEN, 14-15 April 1975.

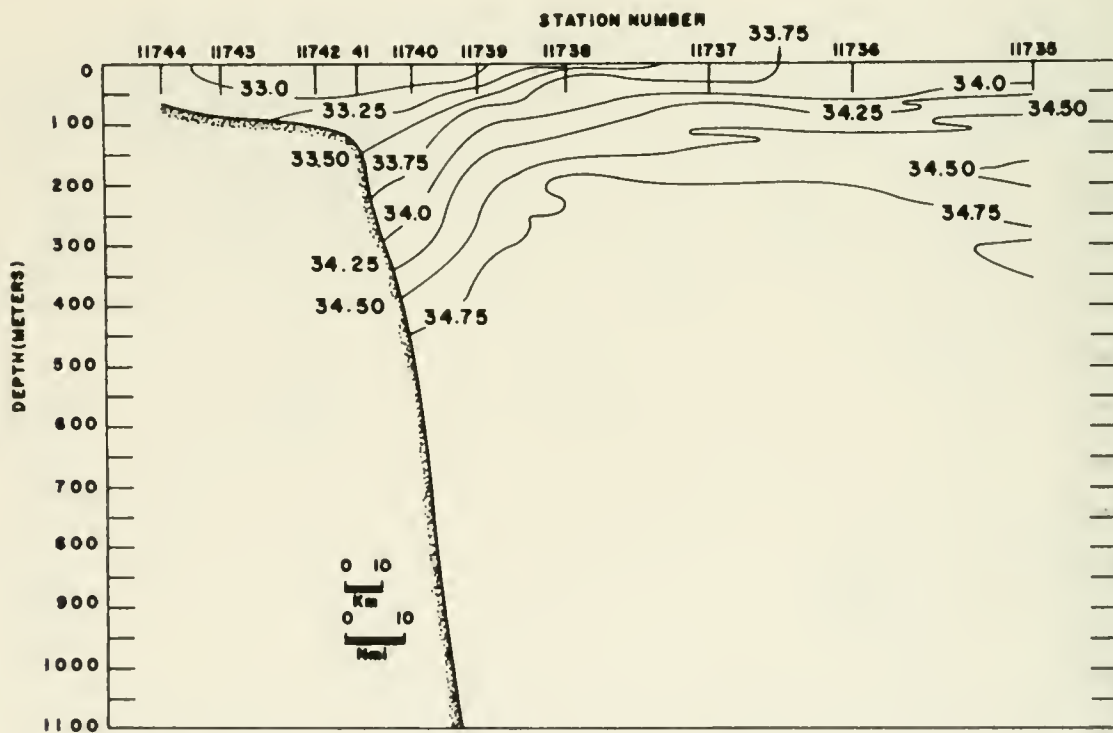


FIGURE 22b. Vertical salinity (‰) profile for section A2B from data obtained by CGC EVERGREEN, 14-15 April 1975.

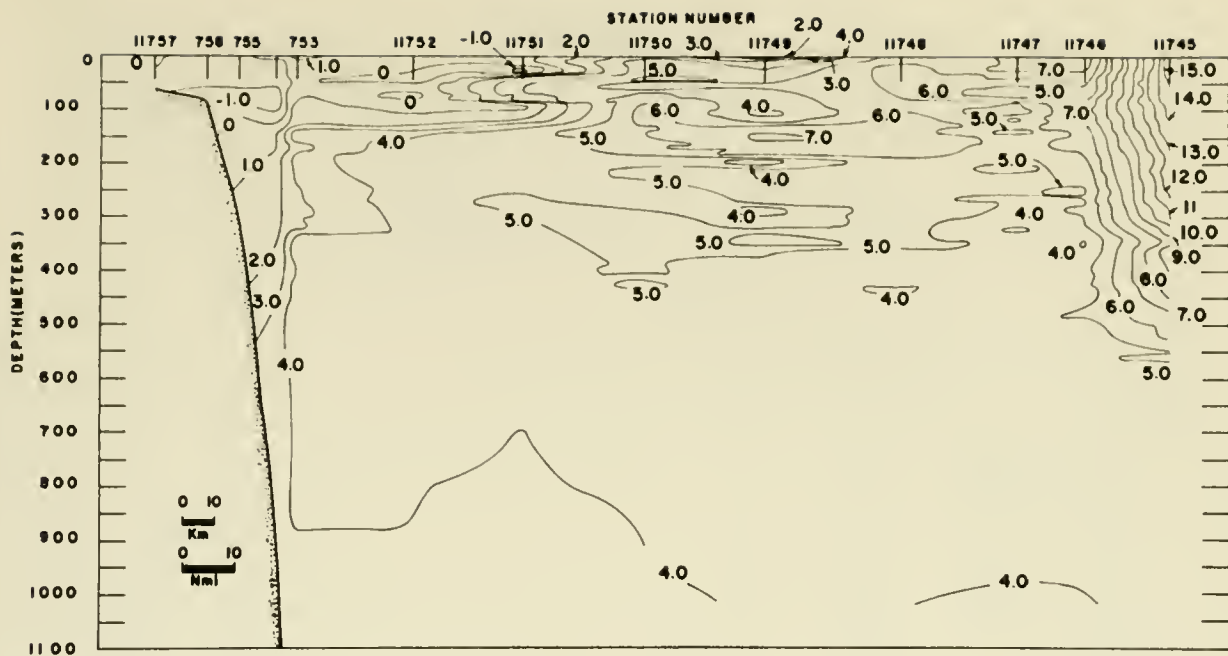


FIGURE 23a. Vertical temperature ($^{\circ}\text{C}$) profile for section A3 from data obtained by CGC EVERGREEN, 21-23 April 1975.

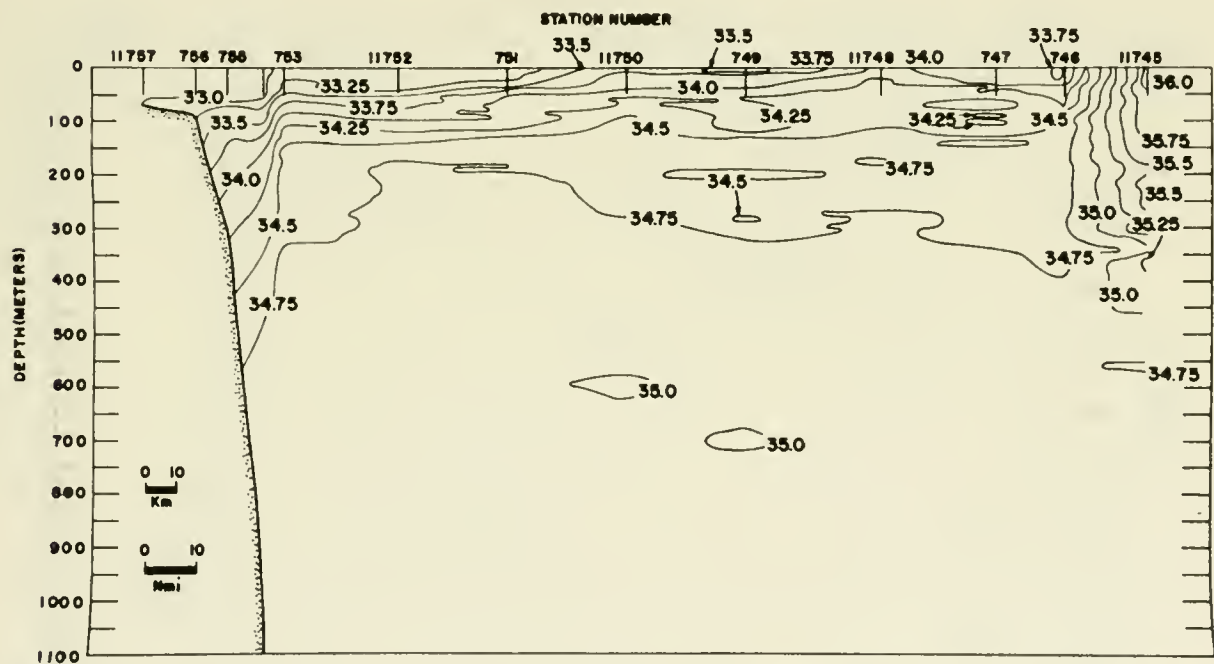


FIGURE 23b. Vertical salinity (‰) profile for section A3 from data obtained by CGC EVERGREEN, 21-23 April 1975.

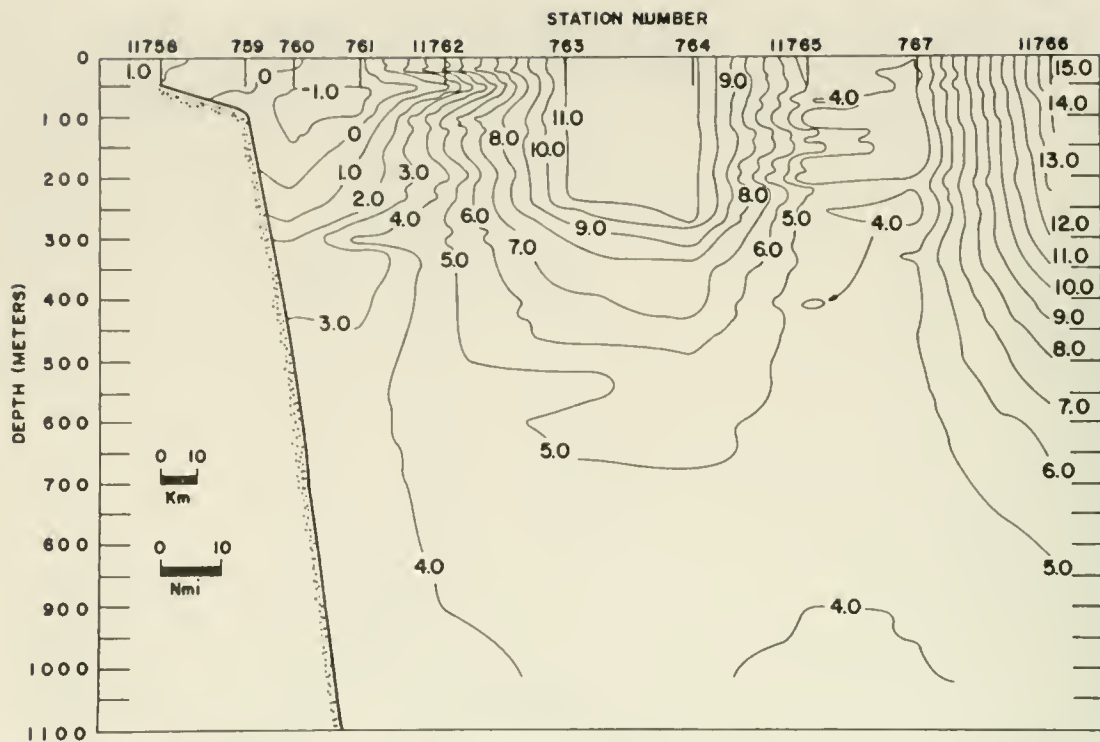


FIGURE 24a. Vertical temperature ($^{\circ}\text{C}$) profile for section A3A from data obtained by CGC EVERGREEN, 23-24 April 1975.

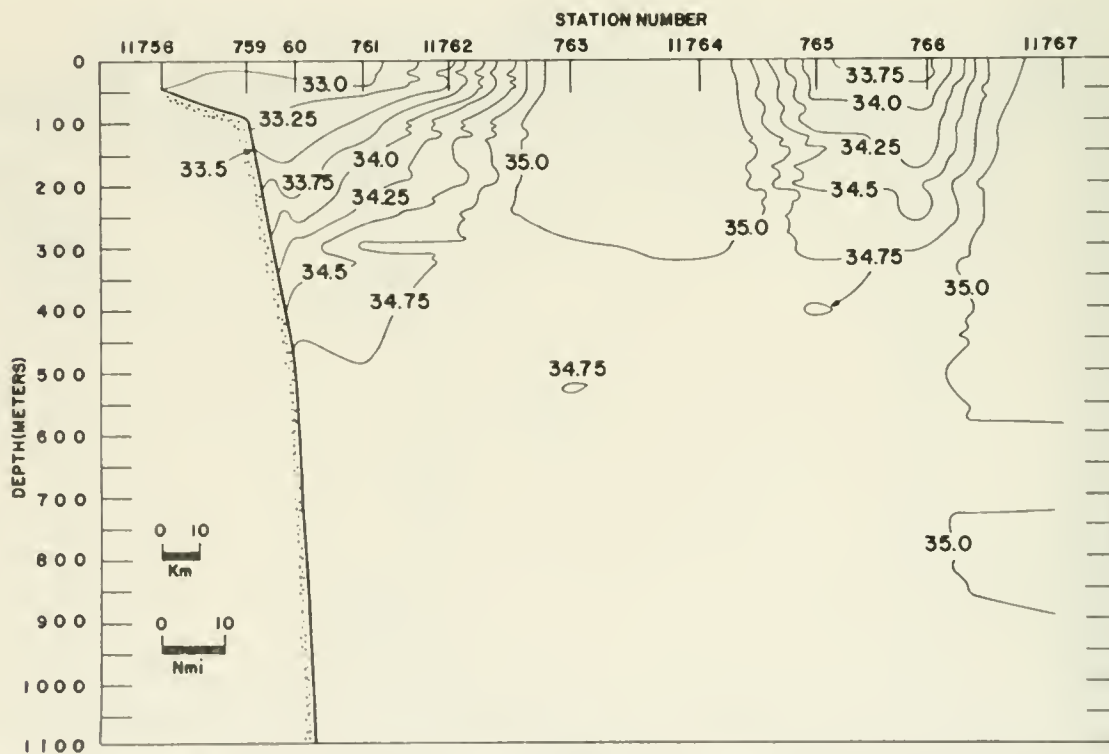


FIGURE 24b. Vertical salinity ($^{\circ}/_{\text{oo}}$) profile for section A3A from data obtained by CGC EVERGREEN, 23-24 April 1975.

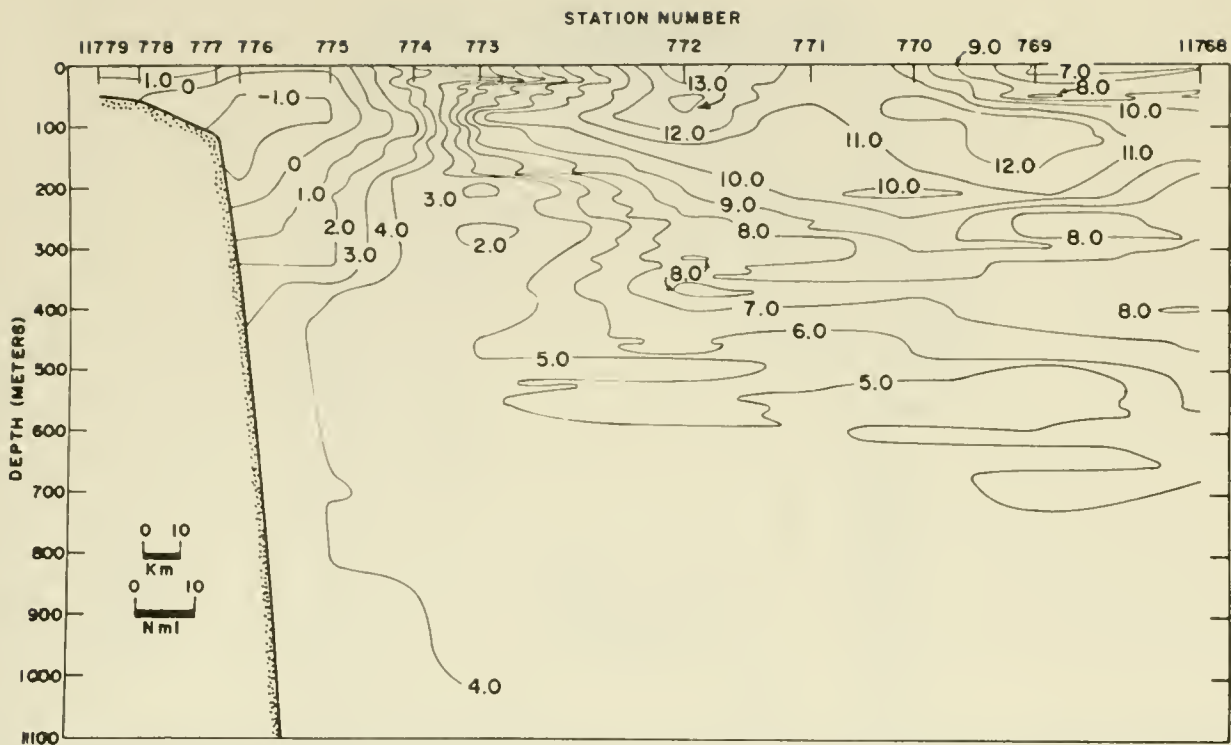


FIGURE 25a. Vertical temperature ($^{\circ}\text{C}$) profile for section A3B from data obtained by CGC EVERGREEN, 24-25 1975.

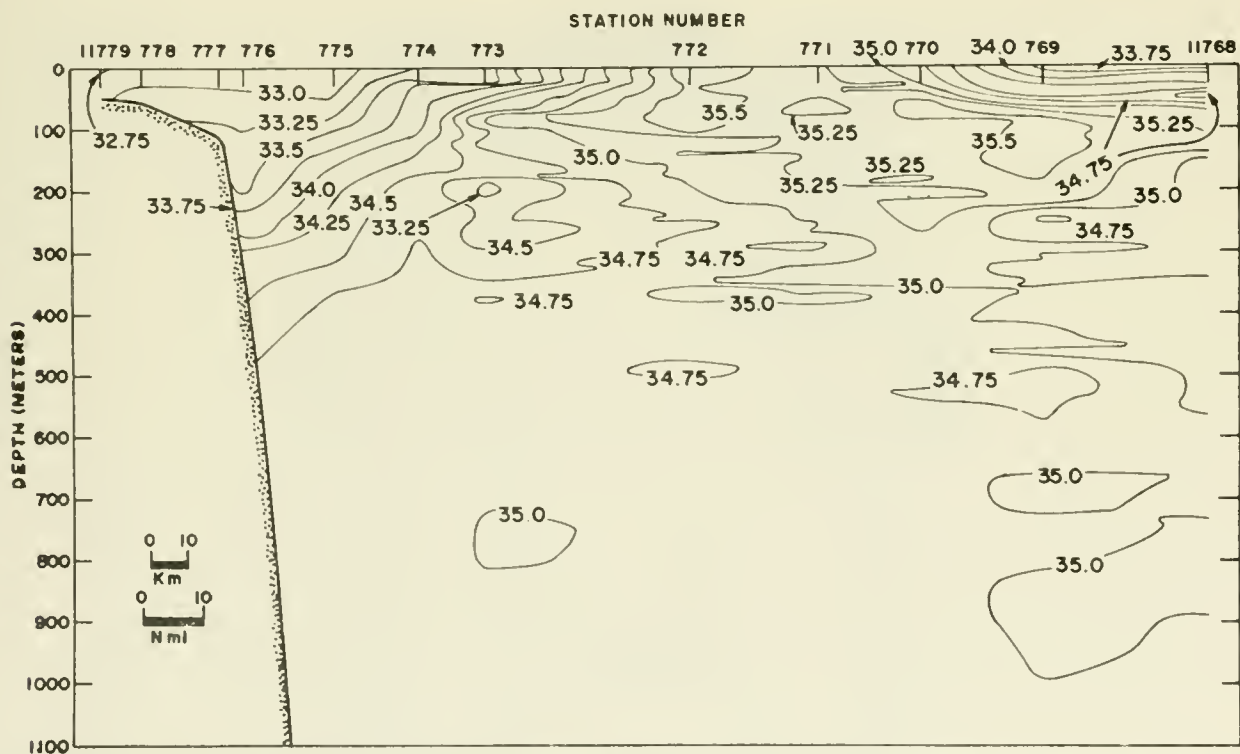


FIGURE 25b. Vertical salinity (‰) profile for section A3B from data obtained by CGC EVERGREEN, 24-25 April 1976.

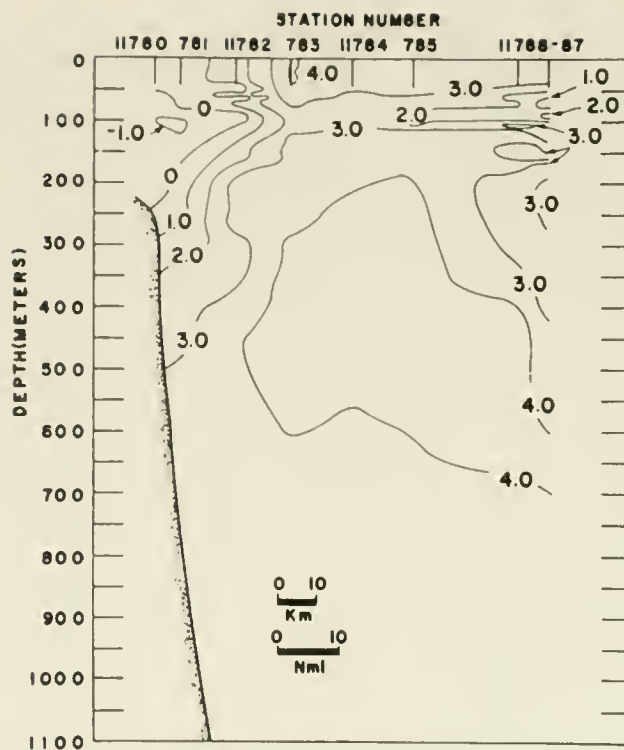


FIGURE 26a. Vertical temperature ($^{\circ}\text{C}$) profile for Intensive Survey-I-a from data obtained by CGC EVERGREEN, 26-28 May 1975.

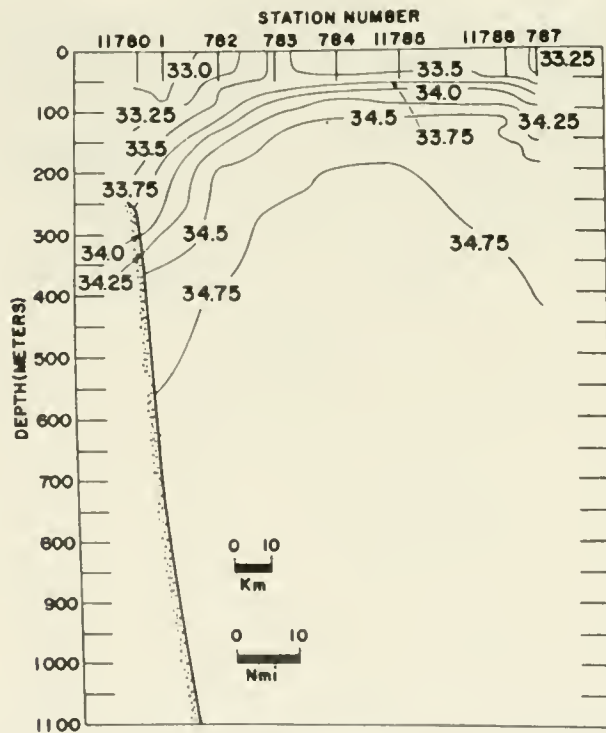


FIGURE 26b. Vertical salinity (‰) profile for Intensive Survey-I-a from data obtained by CGC EVERGREEN, 26-28 May 1975.

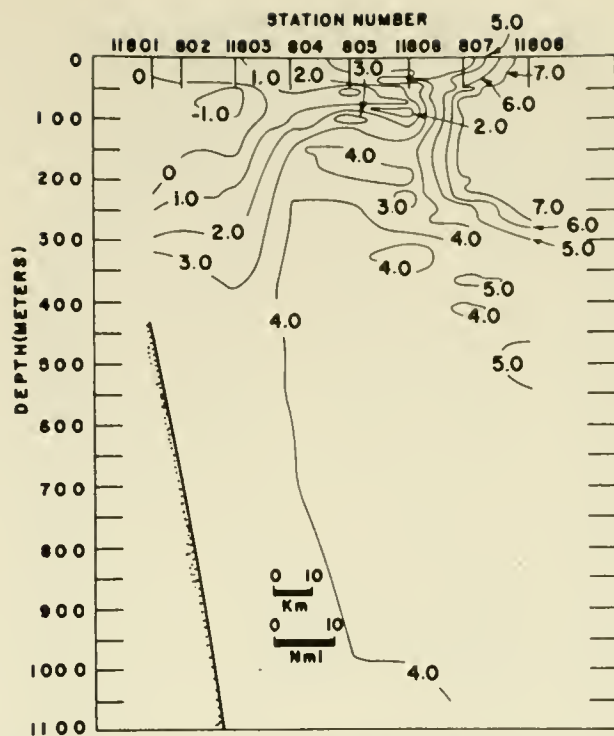


FIGURE 27a. Vertical temperature ($^{\circ}\text{C}$) profile for Intensive Survey-I-b from data obtained by CGC EVERGREEN, 26-28 May 1975.

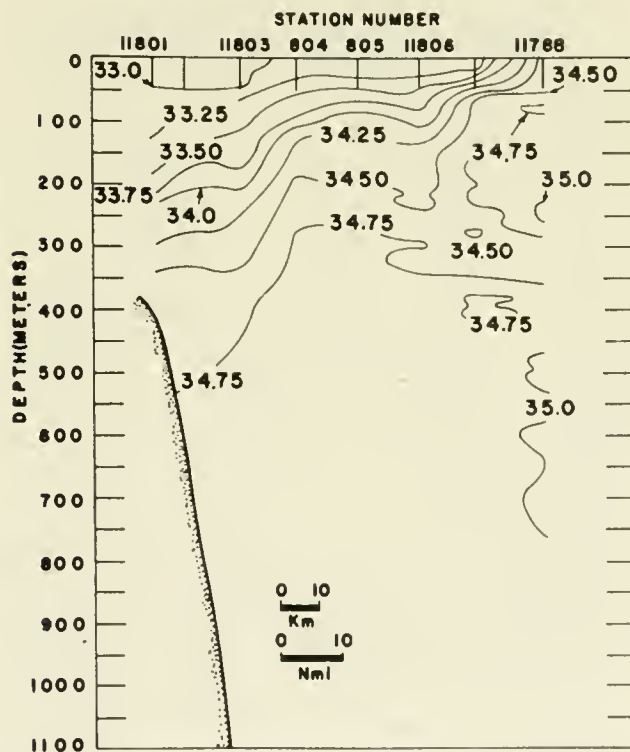


FIGURE 27b. Vertical salinity (‰) profile for Intensive Survey-I-b from data obtained by CGC EVERGREEN, 26-28 May 1975.

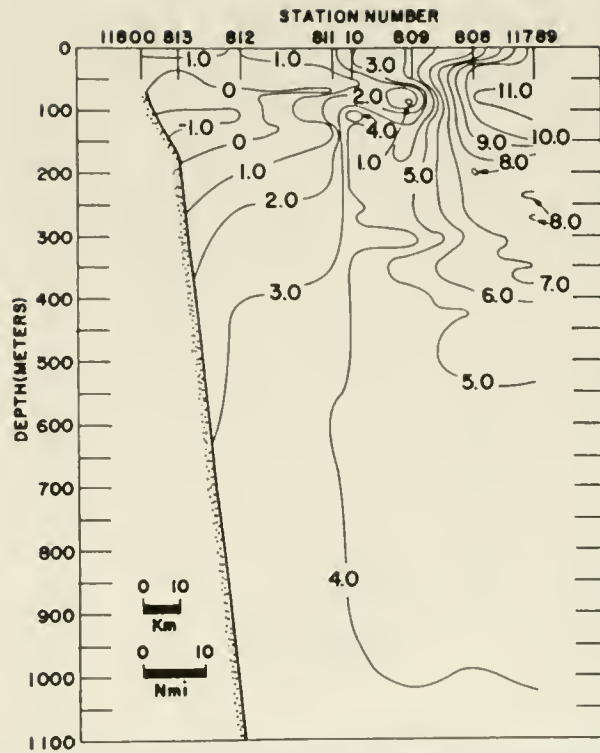


FIGURE 28a. Vertical temperature ($^{\circ}\text{C}$) profile for Intensive Survey-I-c from data obtained by CGC EVERGREEN, 26-28 May 1975.

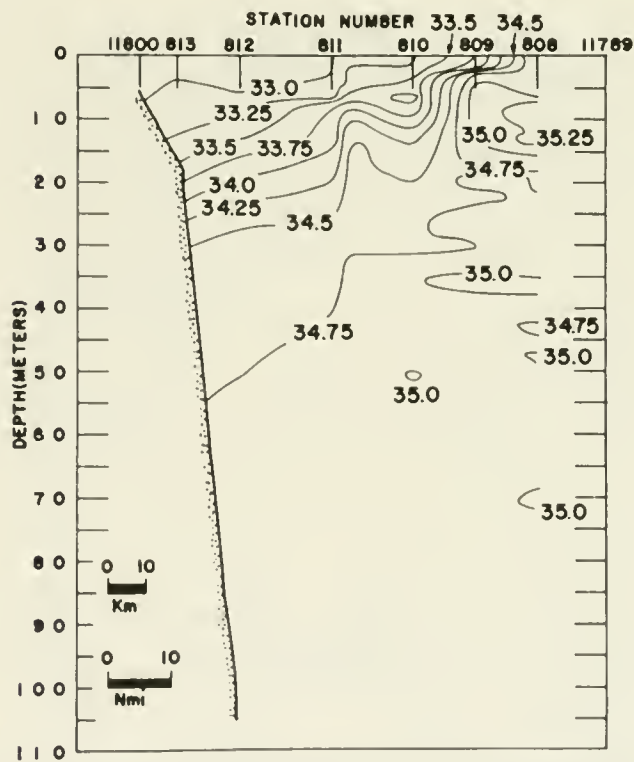


FIGURE 28b. Vertical salinity ($^{\circ}/_{\text{oo}}$) profile for Intensive Survey-I-c from data obtained by CGC EVERGREEN, 26-28 May 1975.

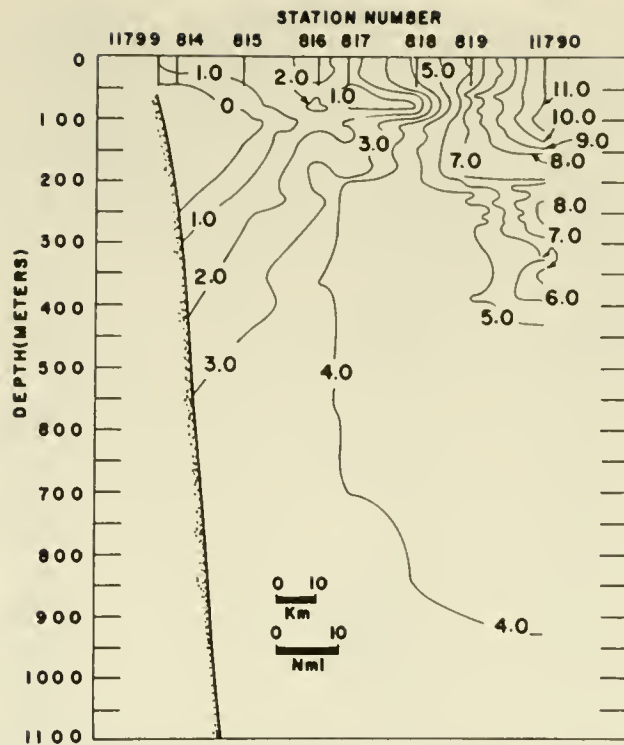


FIGURE 29a. Vertical temperature ($^{\circ}\text{C}$) profile for Intensive Survey-I-d from data obtained by CGC EVERGREEN, 26-28 May 1975.

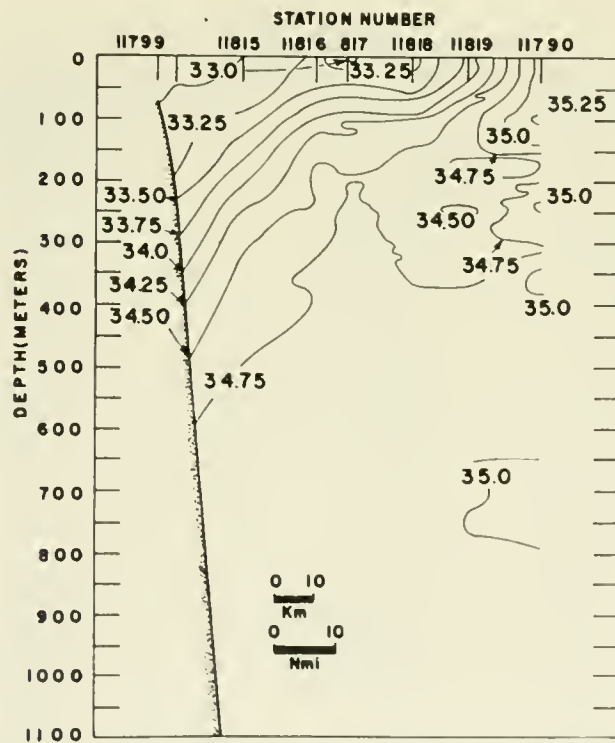


FIGURE 29b. Vertical salinity (‰) profile for Intensive Survey-I-d from data obtained by CGC EVERGREEN, 26-28 May 1975.

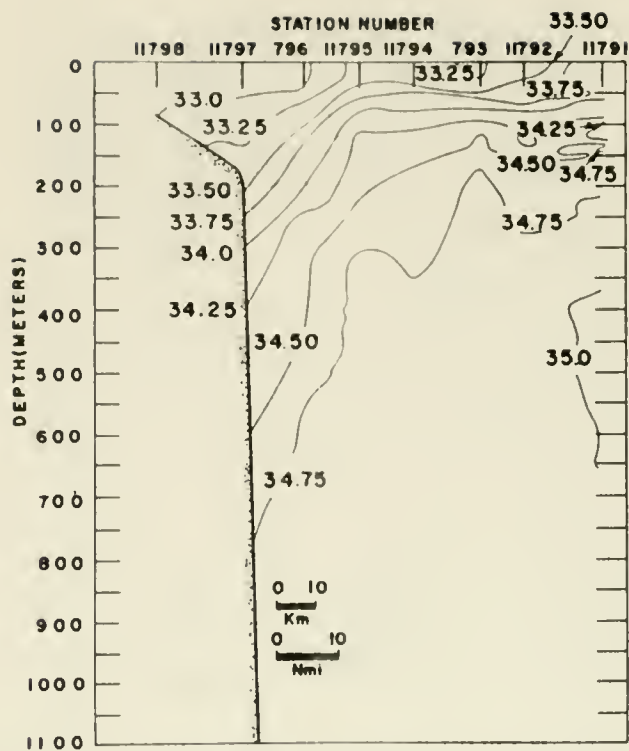


FIGURE 30a. Vertical temperature ($^{\circ}\text{C}$) profile for Intensive Survey-I-e from data obtained by CGC EVERGREEN, 26-28 May 1975.

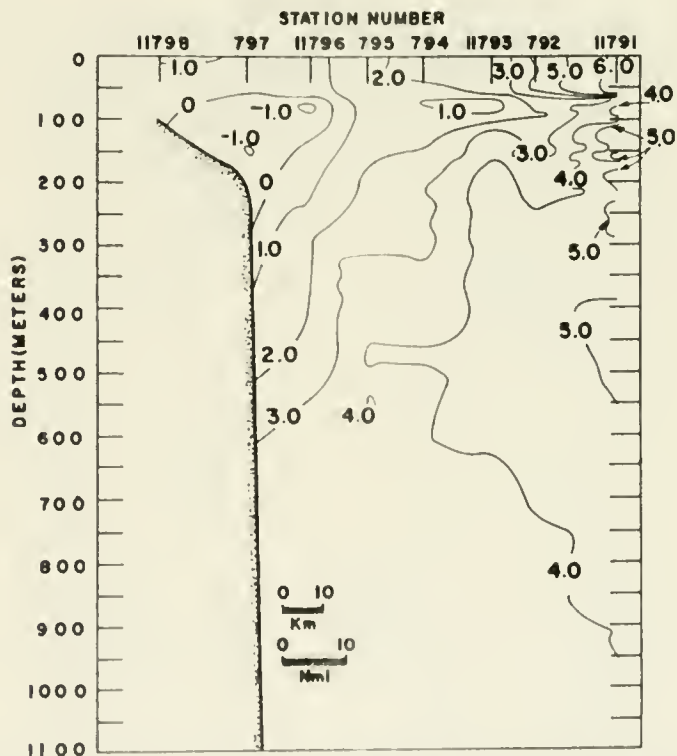


FIGURE 30b. Vertical salinity (‰) profile for Intensive Survey-I-e from data obtained by CGC EVERGREEN, 26-28 May 1975.

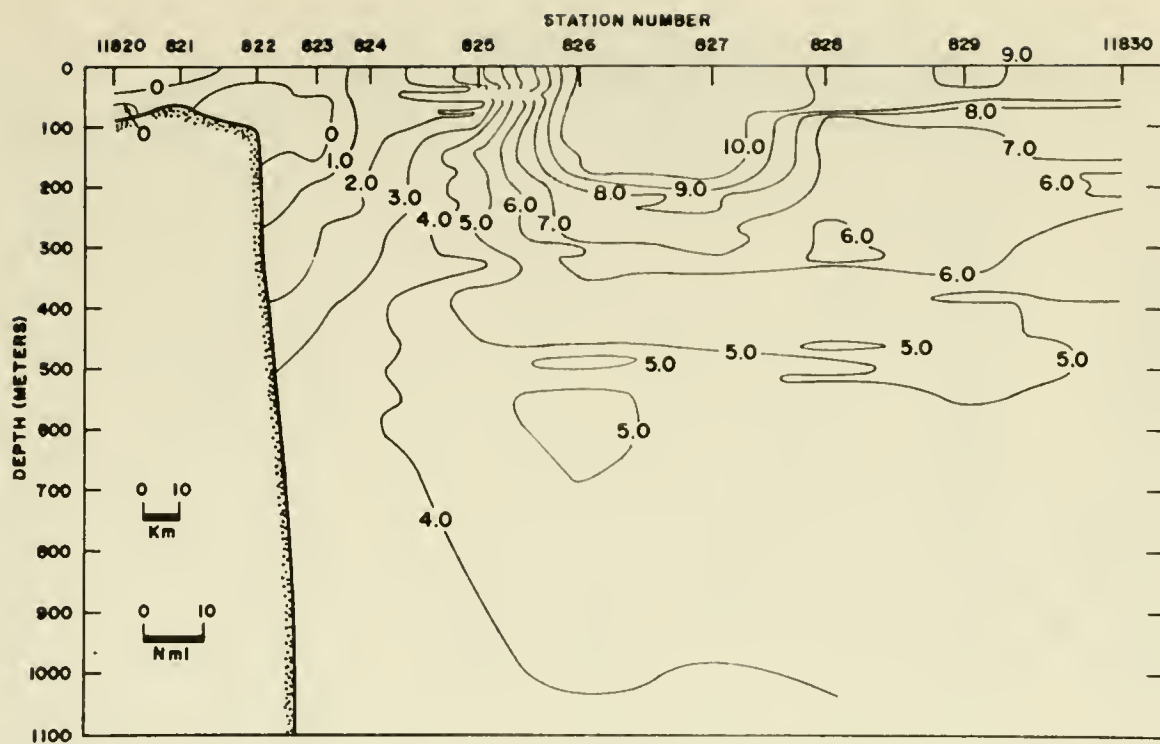


FIGURE 31a. Vertical temperature ($^{\circ}\text{C}$) profile for section A3 from data obtained by CGC EVERGREEN, 30-31 May 1975.

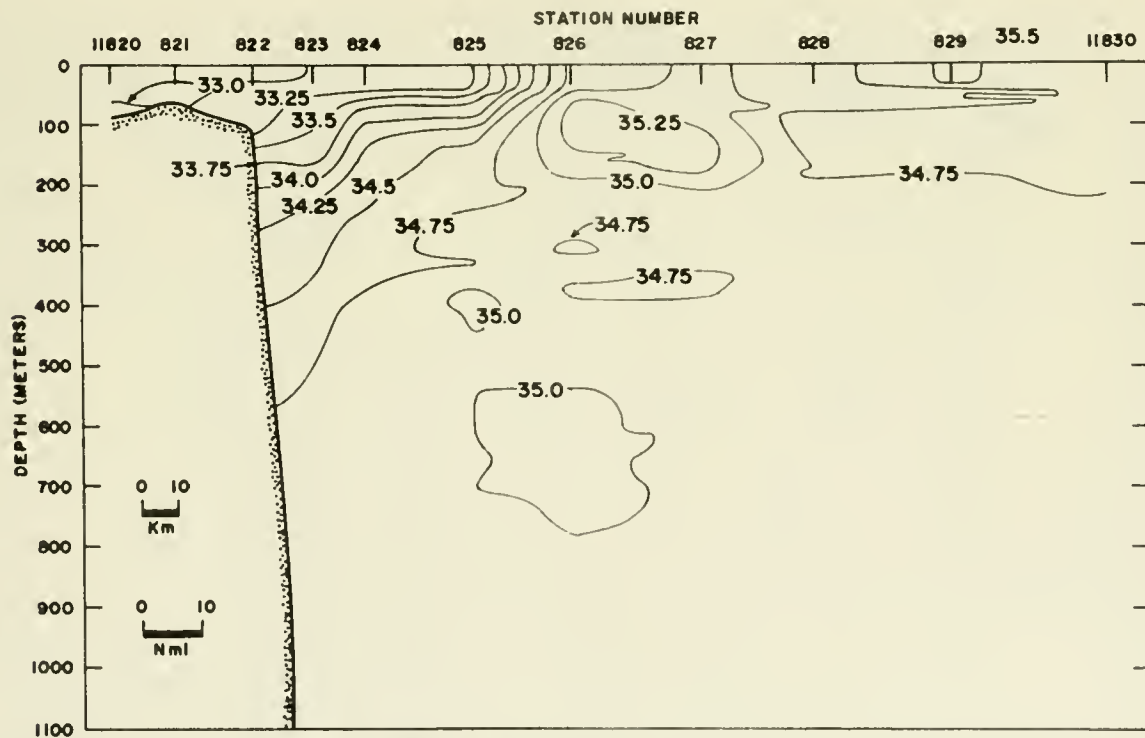


FIGURE 31b. Vertical salinity (‰) profile for section A3 from data obtained by CGC EVERGREEN, 30-31 May 1975.

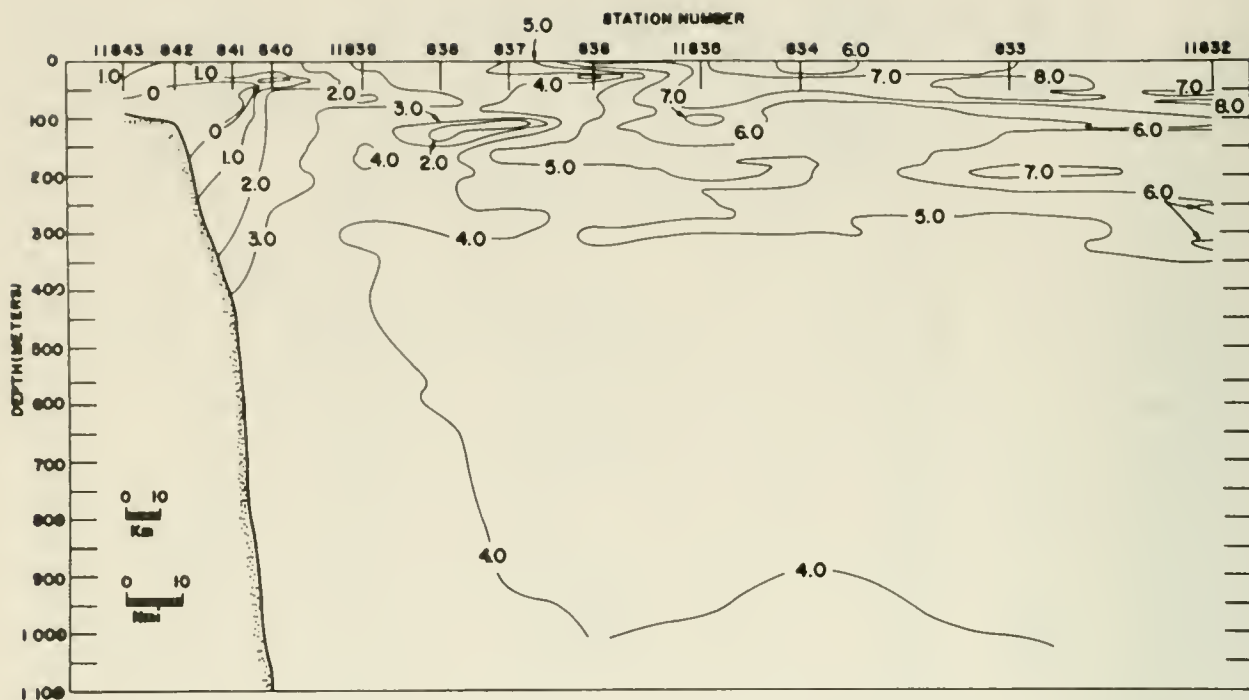


FIGURE 32a. Vertical temperature ($^{\circ}\text{C}$) profile for section A2B from data obtained by CGC EVERGREEN, 31 May-1 June 1975.

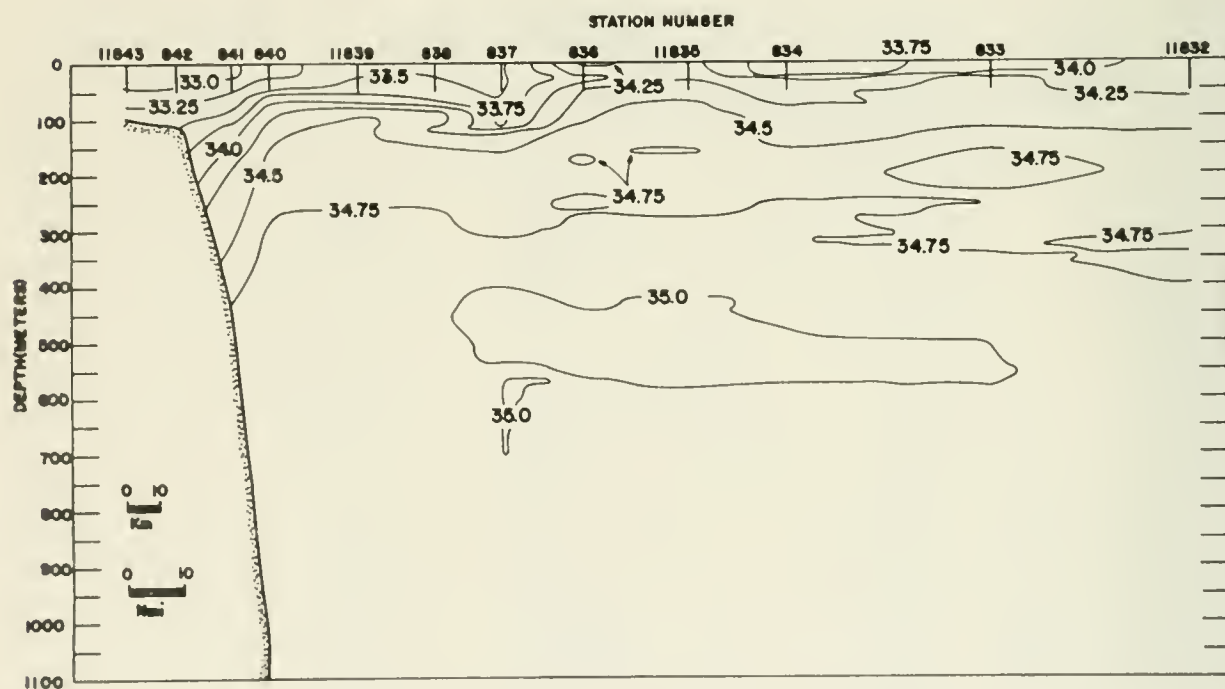


FIGURE 32b. Vertical salinity (‰) profile for section A2B from data obtained by CGC EVERGREEN, 31 May-1 June 1975.

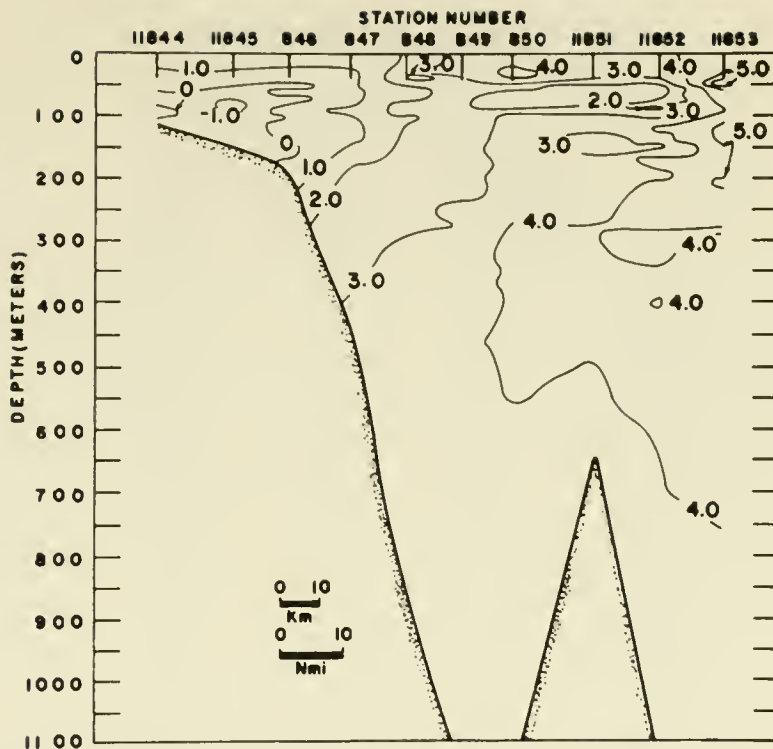


FIGURE 33a. Vertical temperature ($^{\circ}\text{C}$) profile for section A2A from data obtained by CGC EVERGREEN, 2 June 1975.

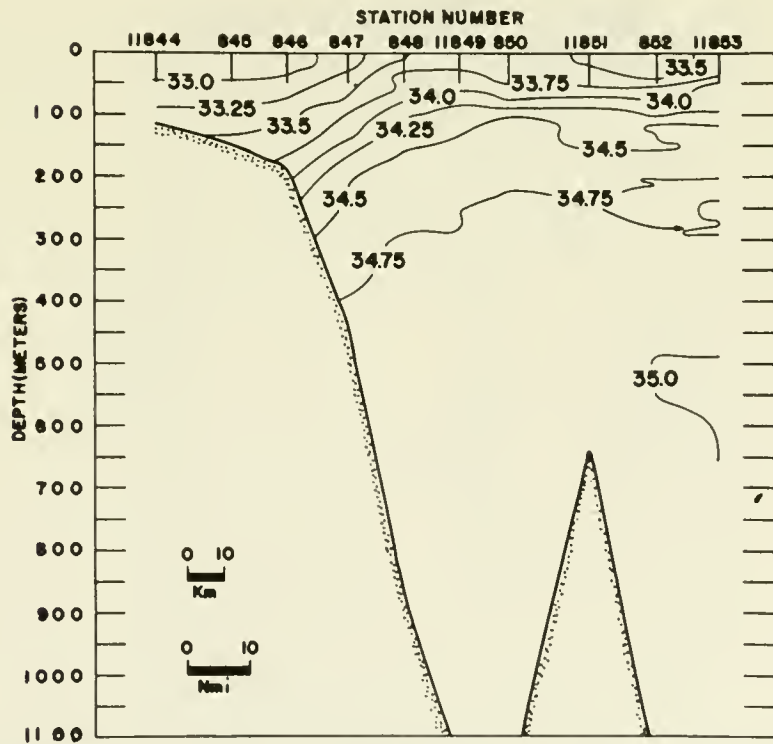


FIGURE 33b. Vertical salinity ($^{\circ}/_{\text{oo}}$) profile for section A2A from data obtained by CGC EVERGREEN, 2 June 1975.

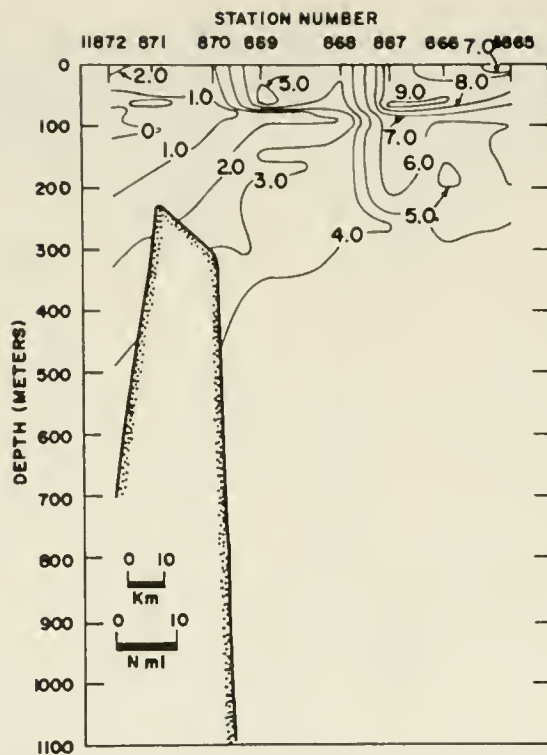


FIGURE 34a. Vertical temperature ($^{\circ}\text{C}$) profile for Intensive Survey-II-a from data obtained by CGC EVERGREEN, 3-6 June 1975.

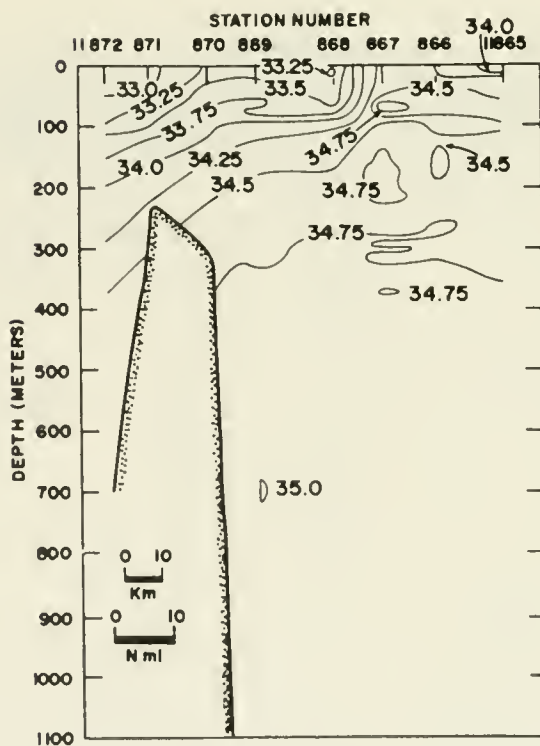
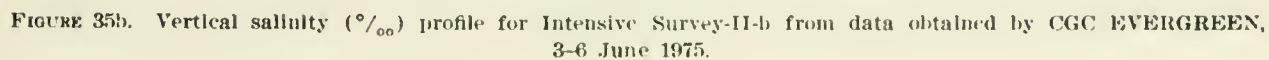
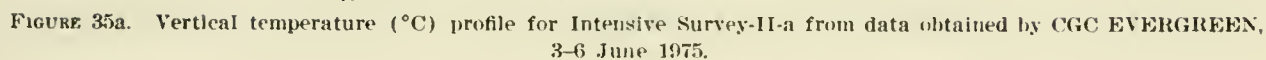


FIGURE 34b. Vertical salinity (‰) profile for Intensive Survey-II-a from data obtained by CGC EVERGREEN, 3-6 June 1975.



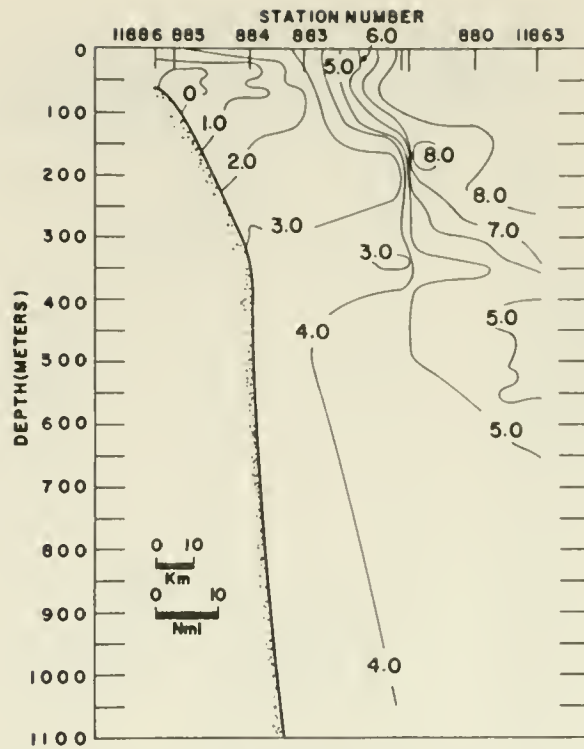


FIGURE 36a. Vertical temperature ($^{\circ}\text{C}$) profile for Intensive Survey-II-c from data obtained by CGC EVERGREEN, 3-6 June 1975.

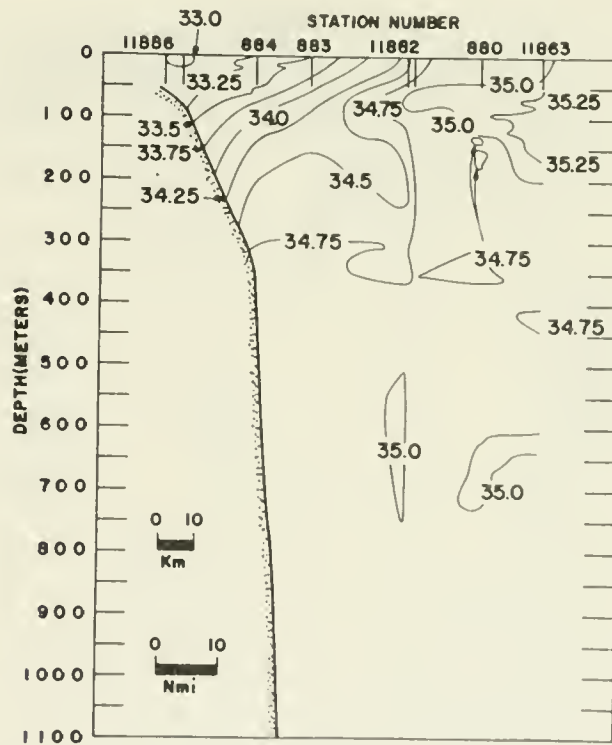


FIGURE 36b. Vertical salinity (‰) profile for Intensive Survey-II-c from data obtained by CGC EVERGREEN, 3-6 June 1975.

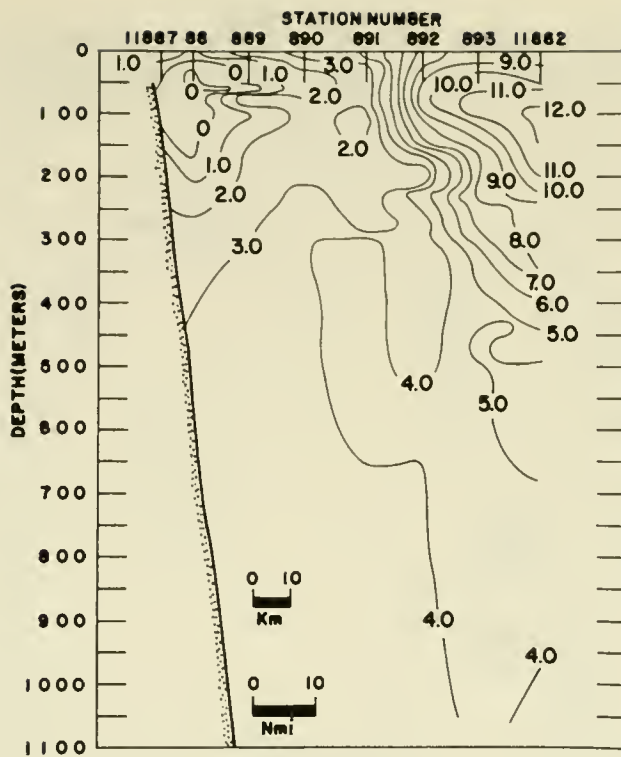


FIGURE 37a. Vertical temperature ($^{\circ}\text{C}$) profile for Intensive Survey-II-d from data obtained by CGC EVERGREEN, 3-6 June 1975.

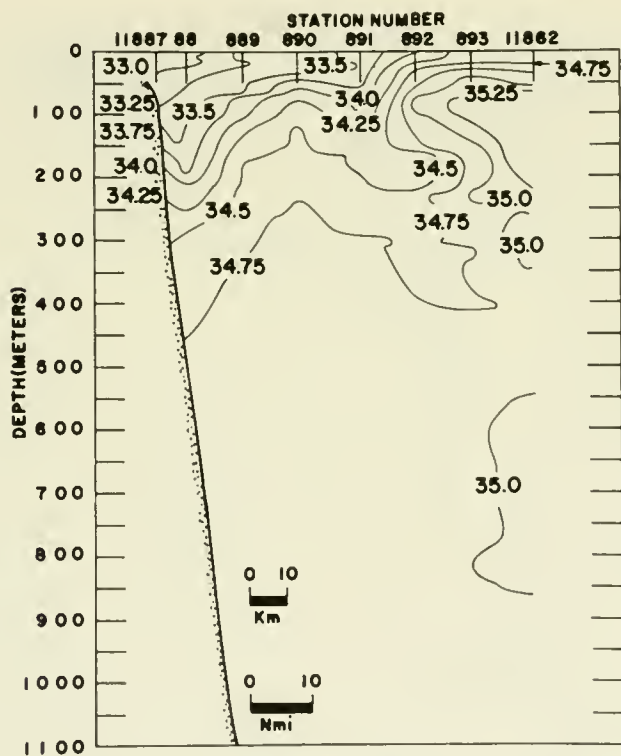


FIGURE 37b. Vertical salinity (‰) profile for Intensive Survey-II-d from data obtained by CGC EVERGREEN, 3-6 June 1975.

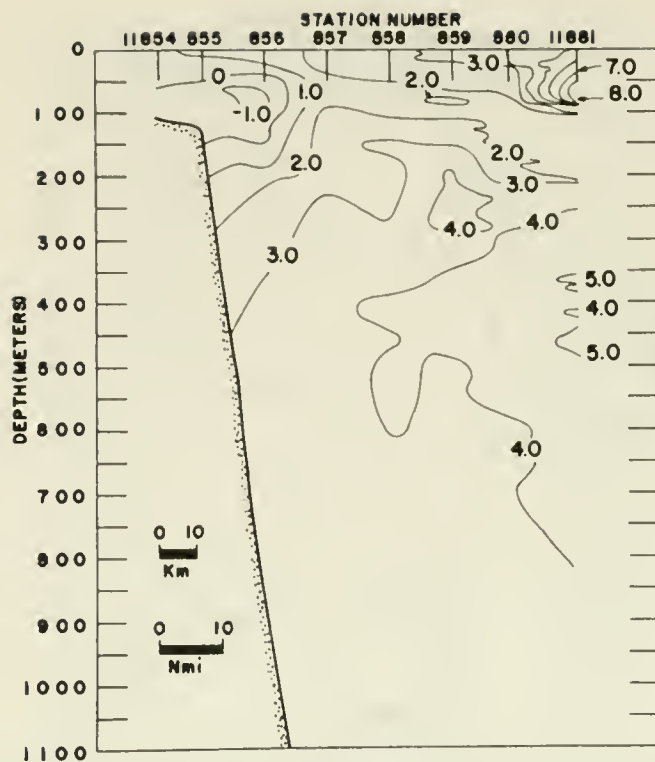


FIGURE 38a. Vertical temperature ($^{\circ}\text{C}$) profile for Intensive Survey-II-e from data obtained by CGC EVERGREEN, 3-6 June 1975.

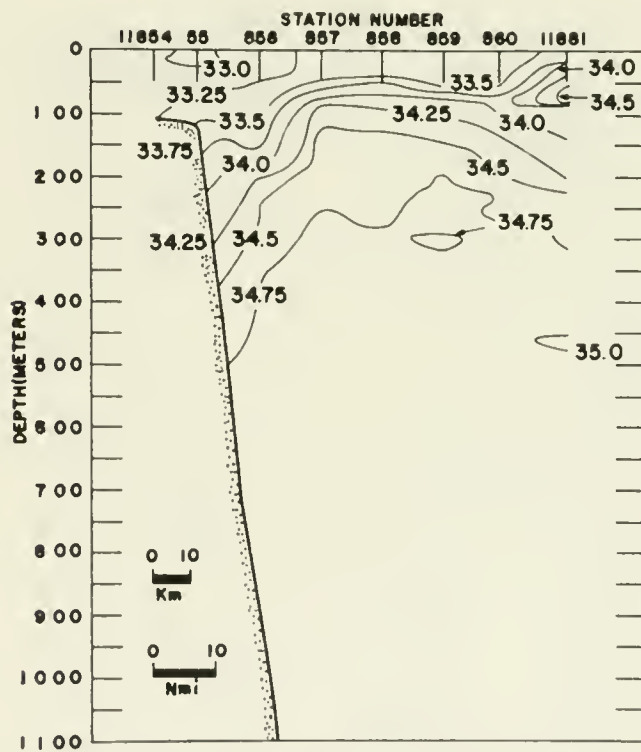


FIGURE 38b. Vertical salinity (‰) profile for Intensive Survey-II-e from data obtained by CGC EVERGREEN, 3-6 June 1975.

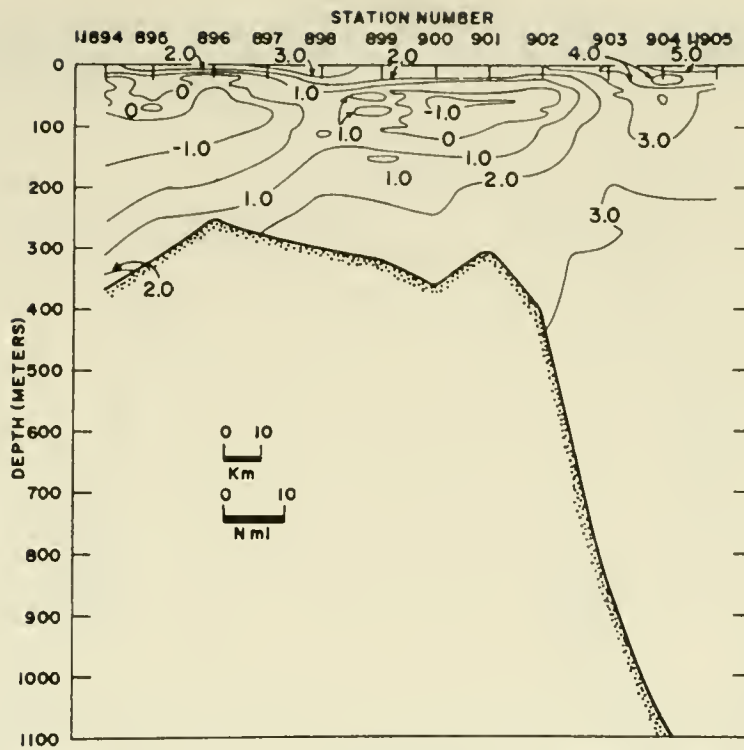


FIGURE 39a. Vertical temperature profile for Drift Study section 1 from data obtained by CGC EVERGREEN, 15-16 June 1975.

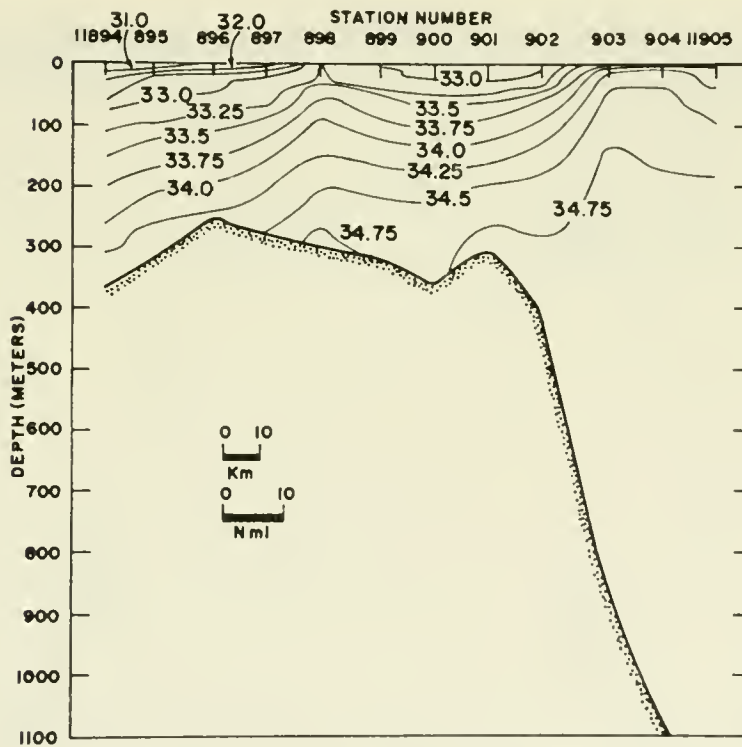


FIGURE 39b. Vertical salinity profile for Drift Study section 1 from data obtained by CGC EVERGREEN, 15-16 June 1975.

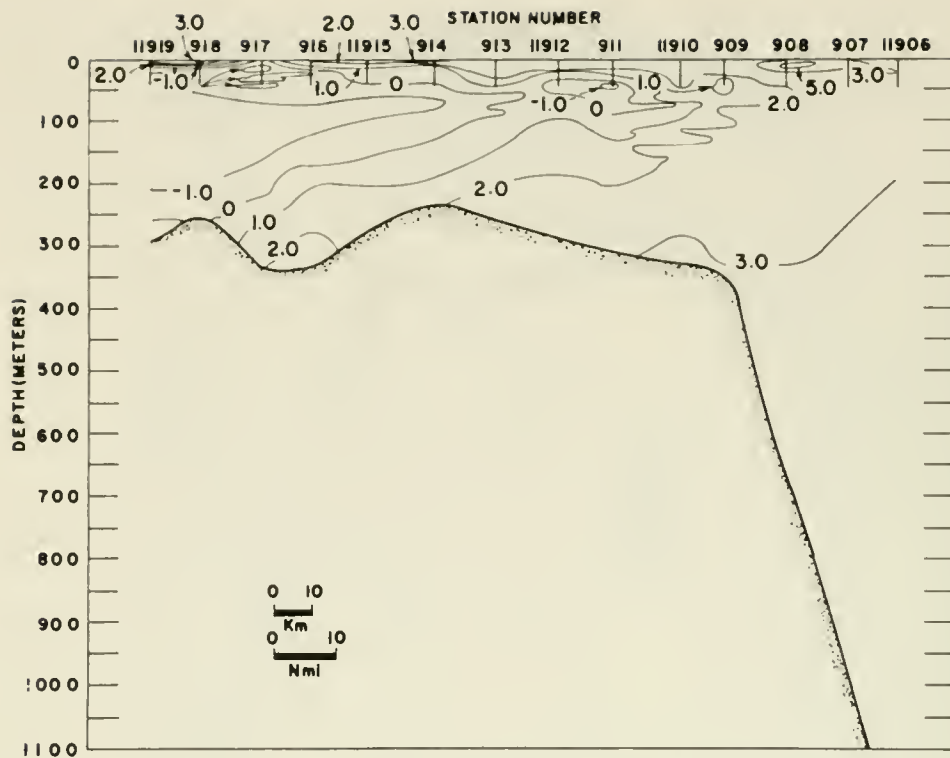


FIGURE 40a. Vertical temperature profile for Drift Study section 2 from data obtained by CGC EVERGREEN, 16-17 June 1975.

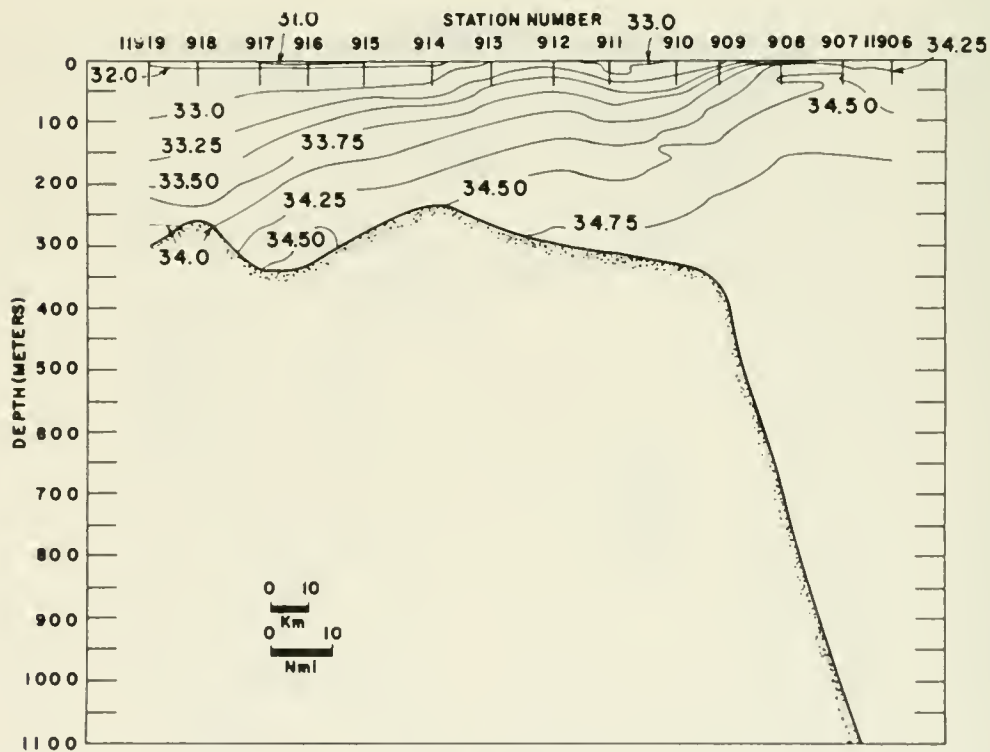


FIGURE 40b. Vertical salinity profile for Drift Study section 2 from data obtained by CGC EVERGREEN, 16-17 June 1975.

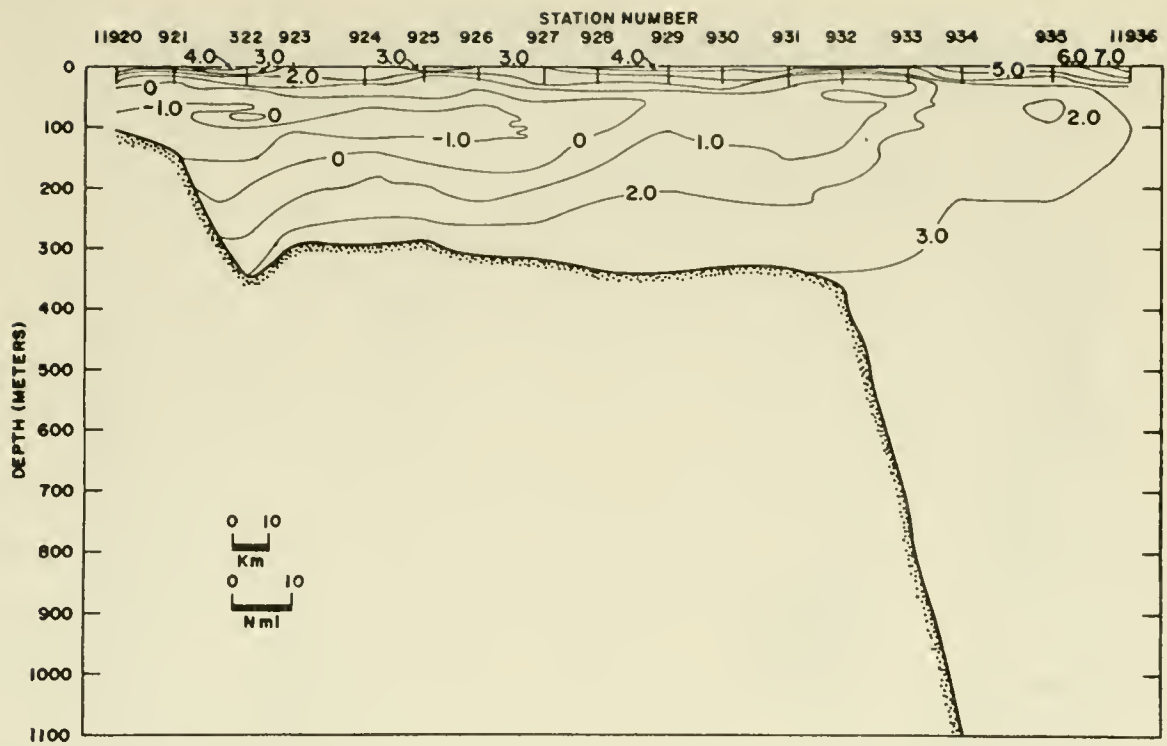


FIGURE 41a. Vertical temperature profile for section A1A from data obtained by CGC EVERGREEN, 18-19 June 1975.

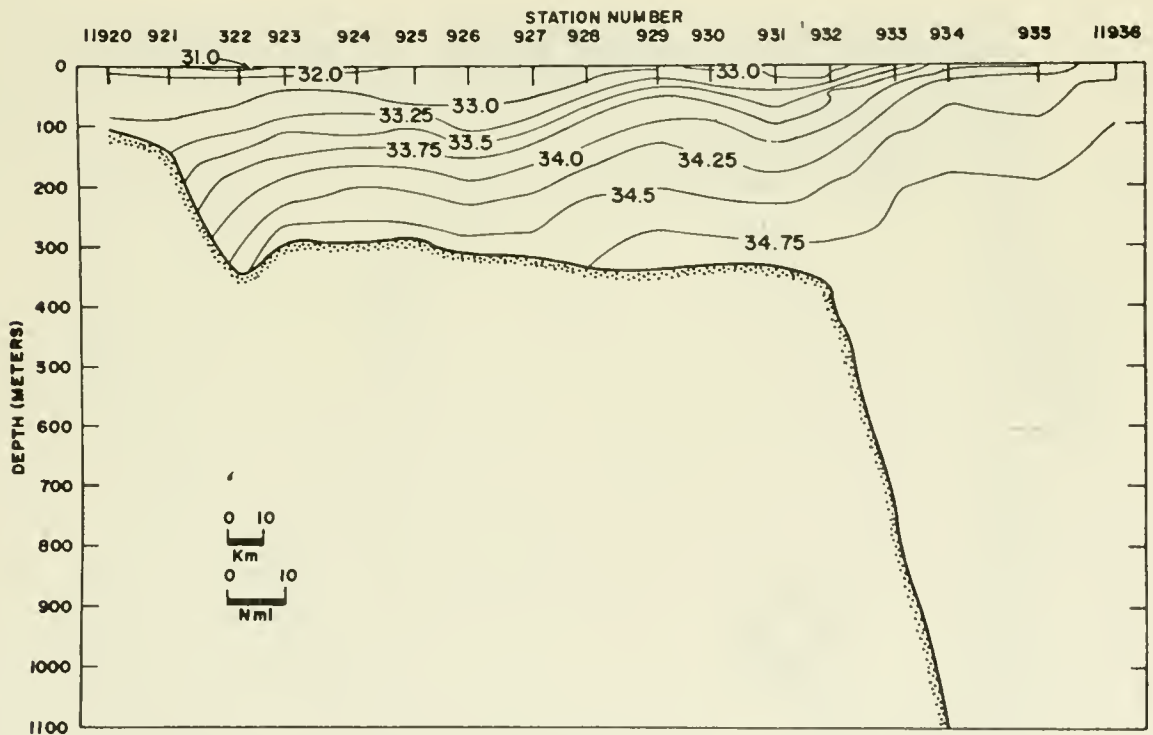


FIGURE 41b. Vertical salinity profile for section A1A from data obtained by CGC EVERGREEN, 18-19 June 1975.

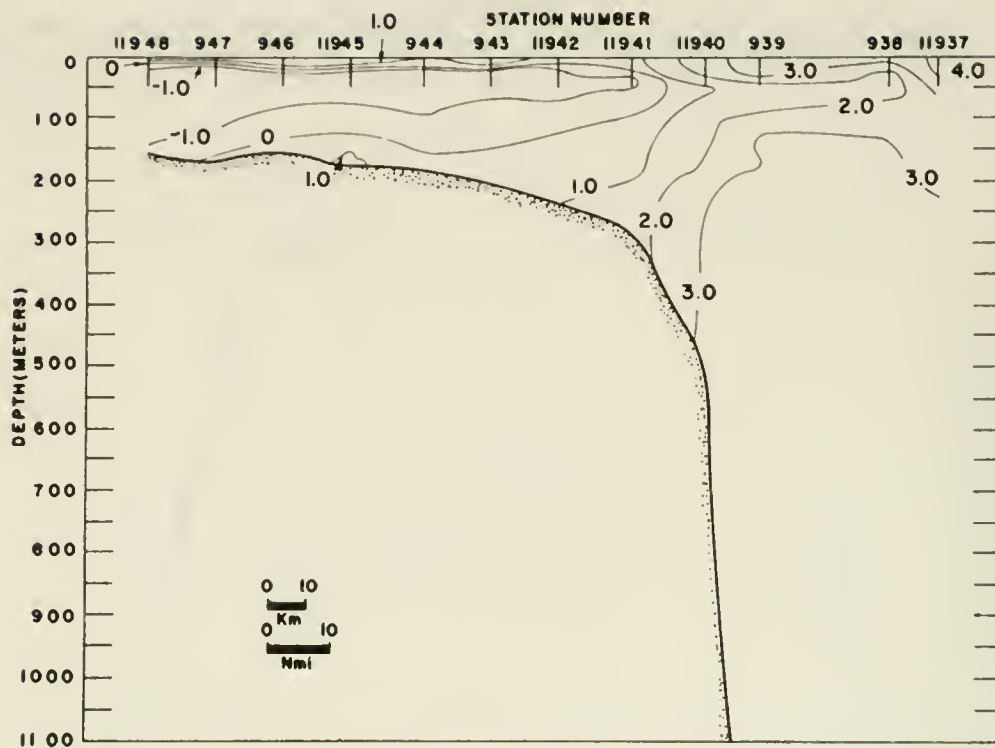


FIGURE 42a. Vertical temperature ($^{\circ}\text{C}$) profile for section A1 from data obtained by CGC EVERGREEN, 29 June 1975.

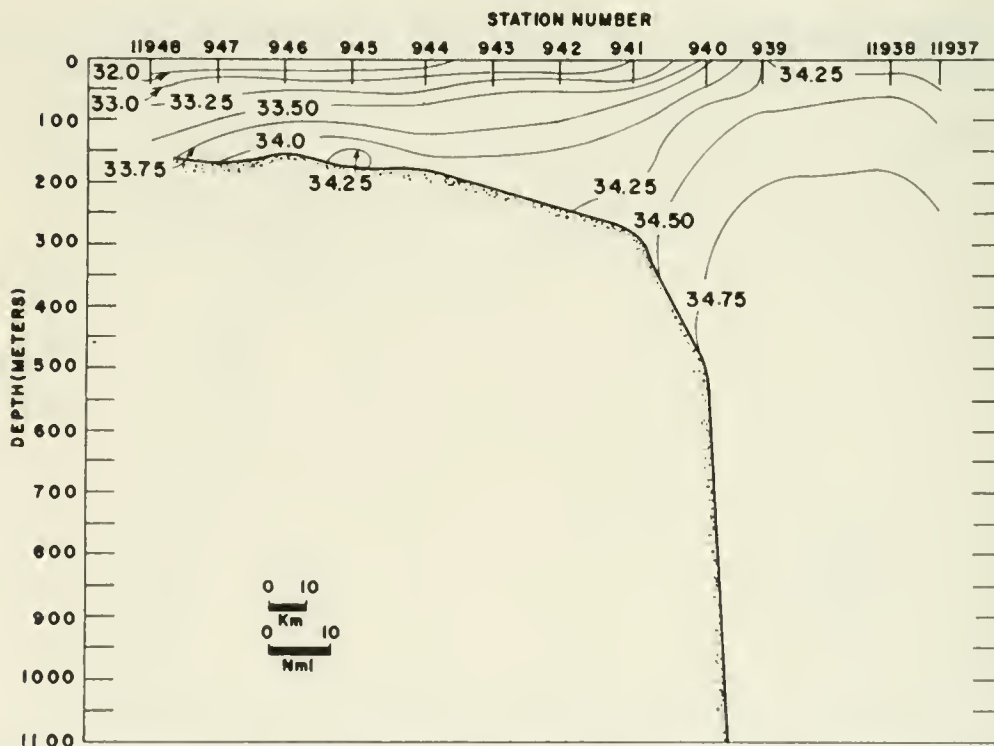


FIGURE 42b. Vertical salinity (‰) profile for section A1 from data obtained by CGC EVERGREEN, 29 June 1975.

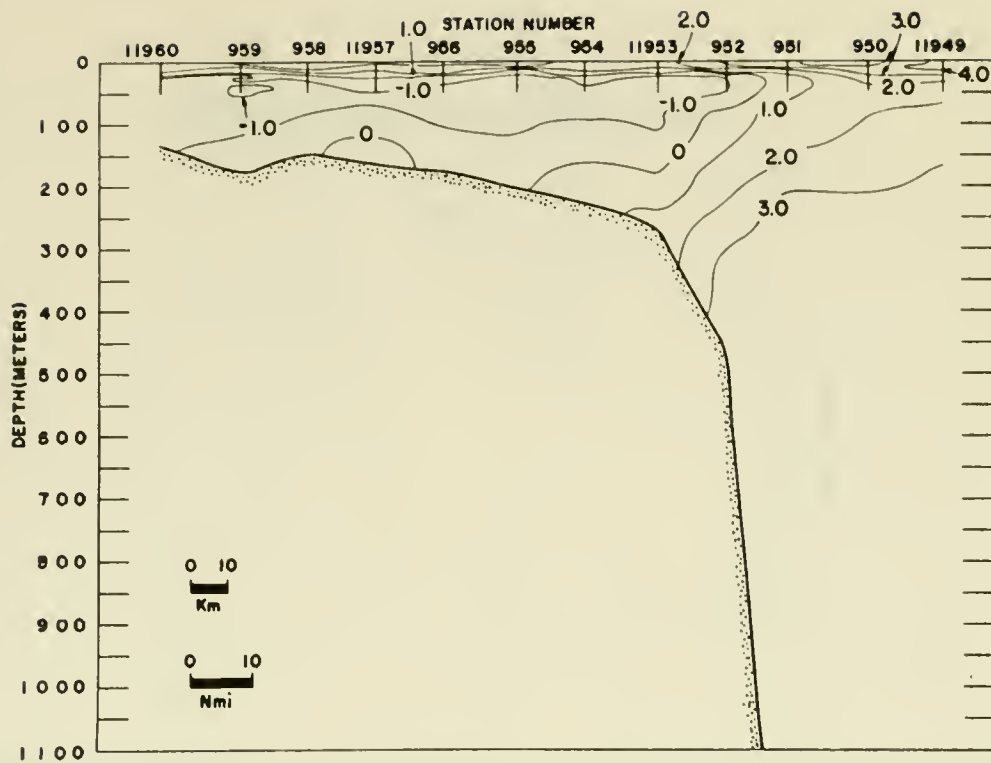


FIGURE 43a. Vertical temperature ($^{\circ}\text{C}$) profile for section A1 from data obtained by CGC EVERGREEN, 30 June-1 July 1975.

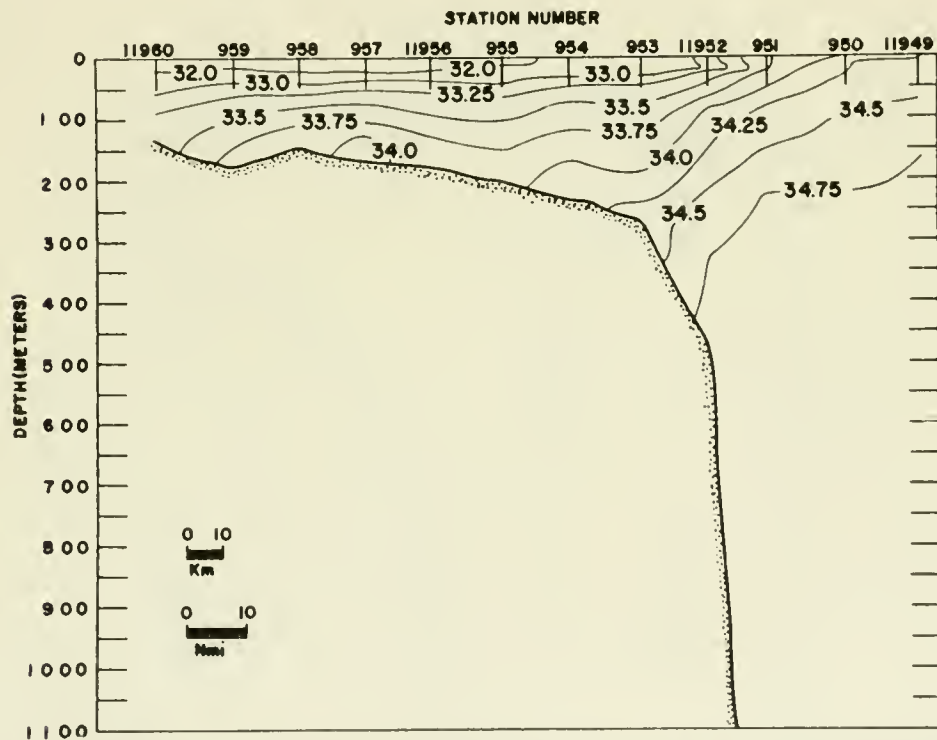


FIGURE 43b. Vertical salinity (‰) profile for section A1 from data obtained by CGC EVERGREEN, 30 June-1 July 1975.

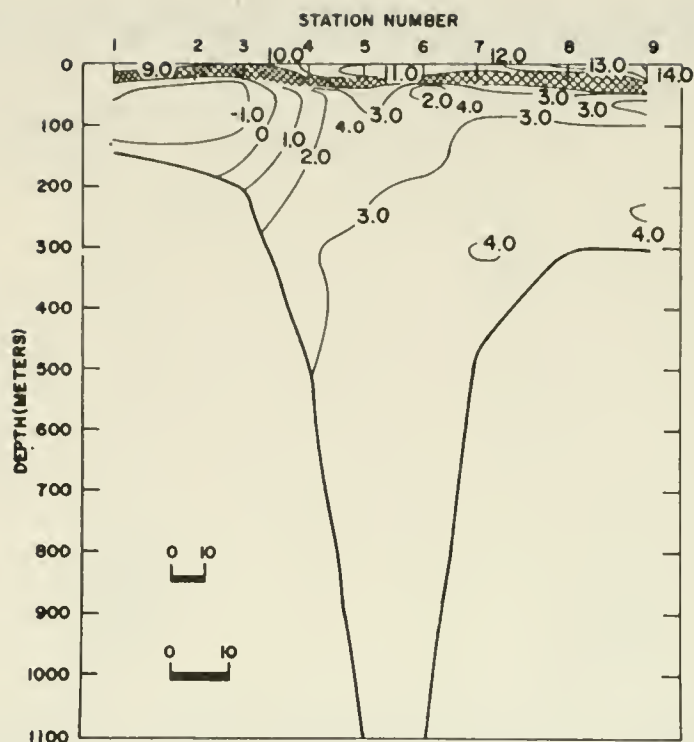


FIGURE 44a. Vertical temperature ($^{\circ}\text{C}$) profile for section A2 from data obtained by CGC CHASE, 30 August 1975. The crosshatching indicates a high thermal gradient.

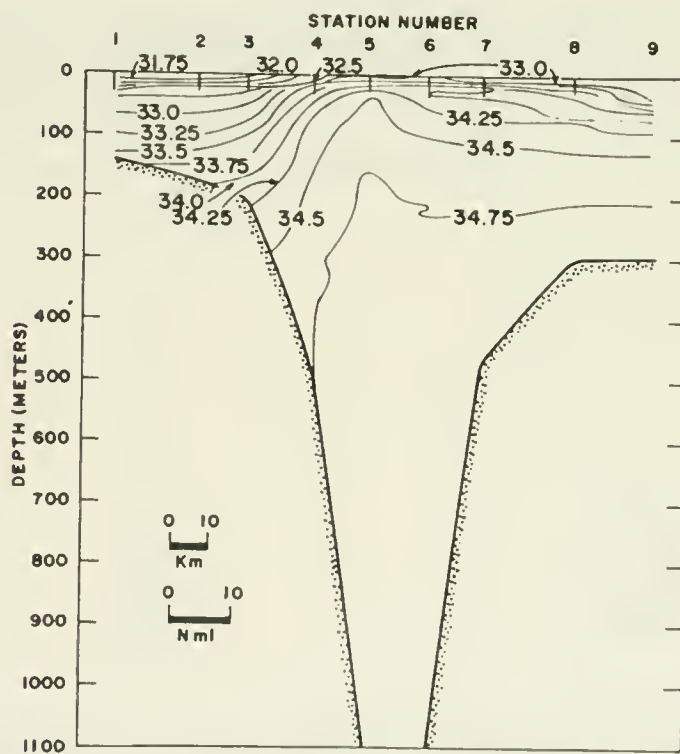


FIGURE 44b. Vertical salinity (‰) profile for section A2 from data obtained by CGC CHASE, 30 August 1975.

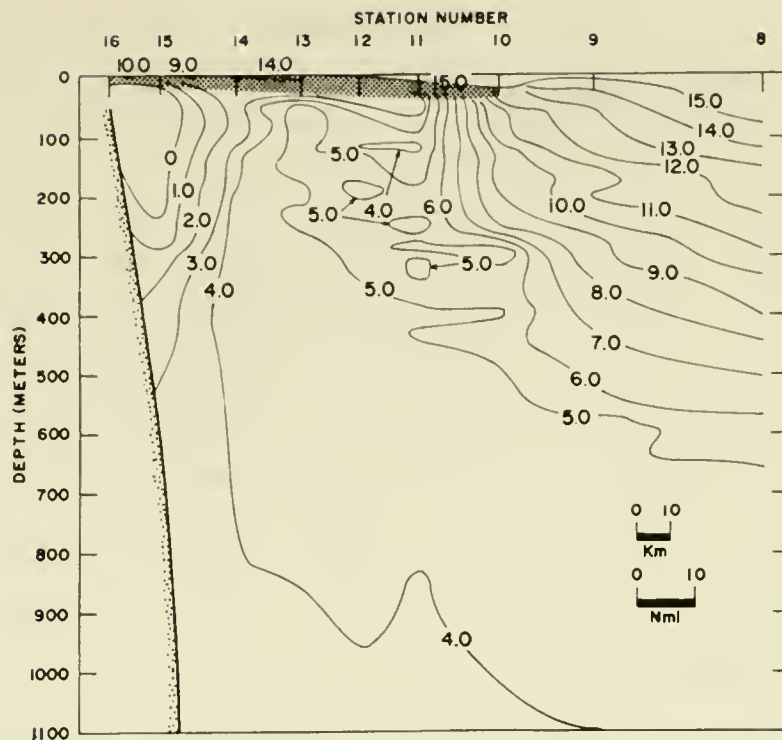


FIGURE 45a. Vertical temperature ($^{\circ}\text{C}$) profile for section A3 from data obtained by CGC CHASE, 1 September 1975. The crosshatching indicates a high thermal gradient.

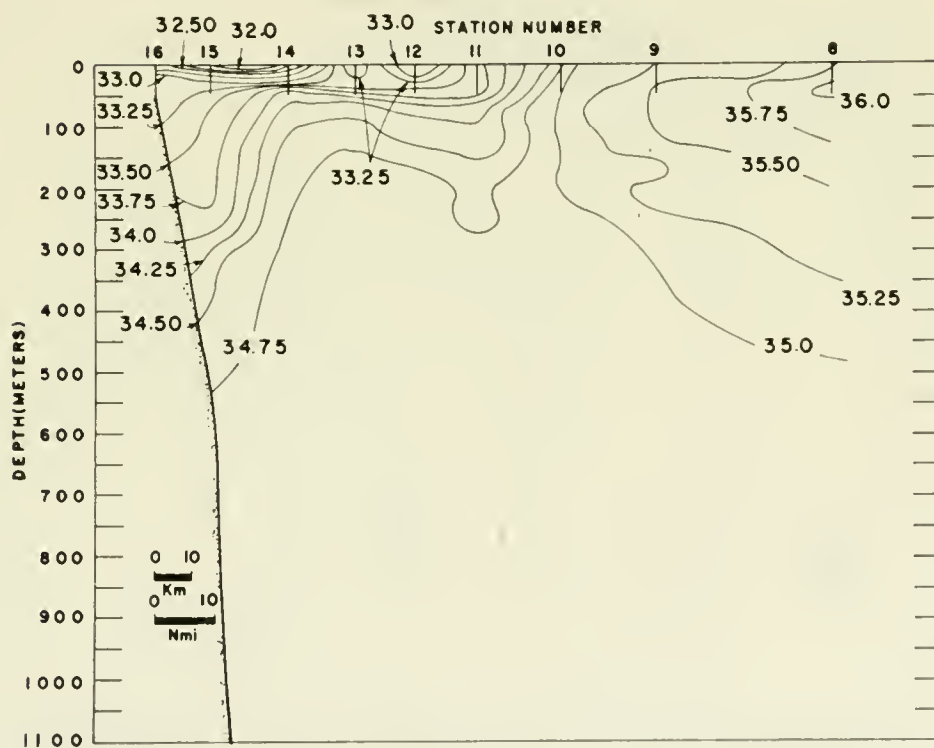


FIGURE 45b. Vertical salinity (‰) profile for section A3 from data obtained by CGC CHASE, 2 September 1975.

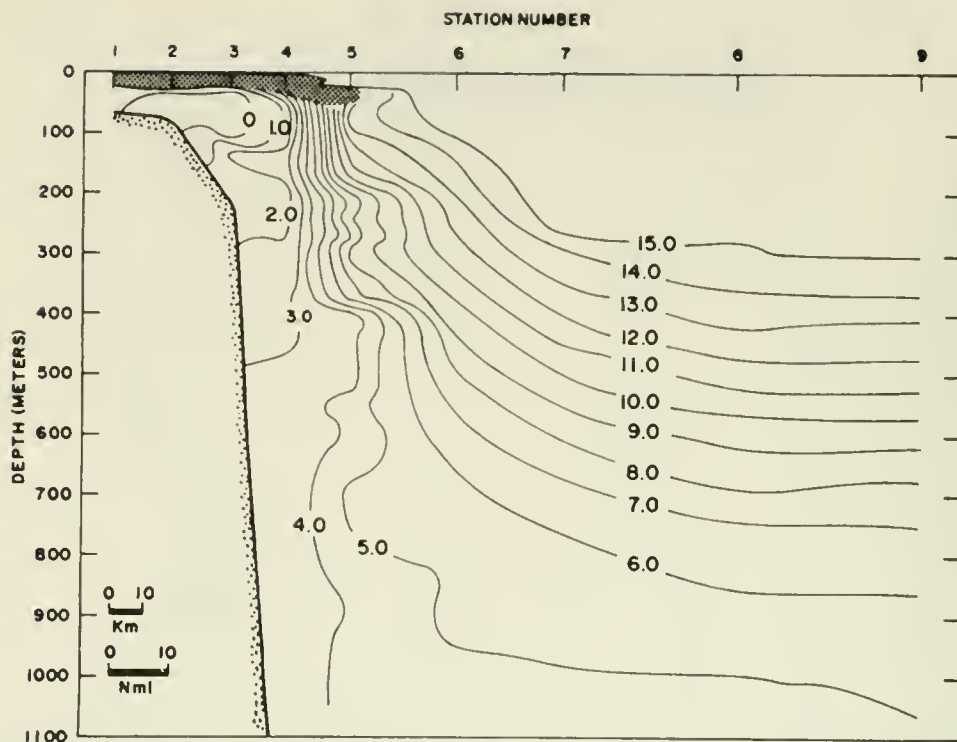


FIGURE 46a. Vertical temperature ($^{\circ}\text{C}$) profile for section A4 from data obtained by CGC CHASE, 30 September 1975. The crosshatching indicates a high thermal gradient.

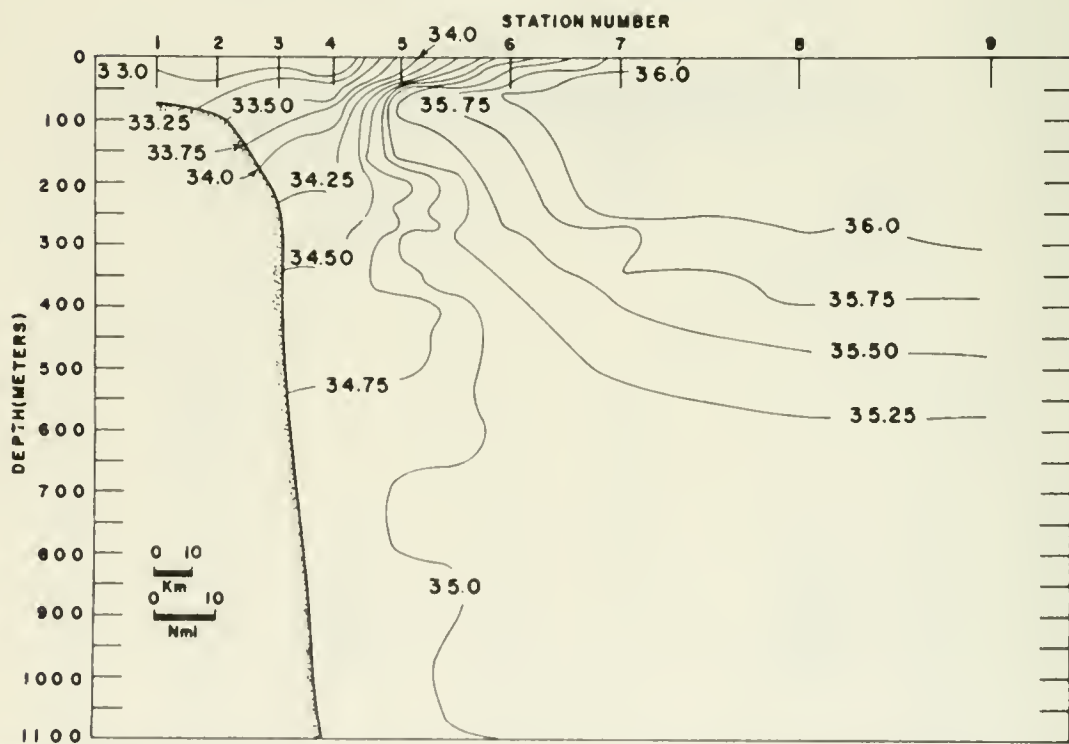


FIGURE 46b. Vertical salinity (‰) profile for section A4 from data obtained by CGC CHASE, 2 September 1975.

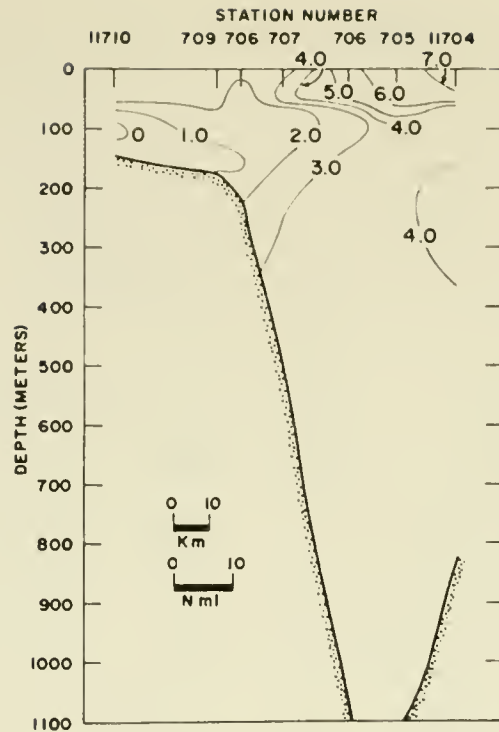


FIGURE 47a. Vertical temperature ($^{\circ}\text{C}$) profile for section A2 from data obtained by CGC HAMILTON, 15-16 November 1975.

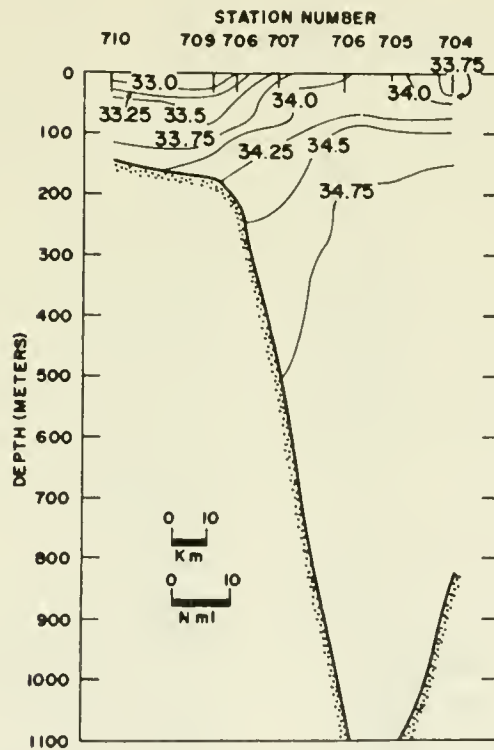


FIGURE 47b. Vertical salinity (‰) profile for section A2 from data obtained by CGC HAMILTON, 15-16 November 1975.

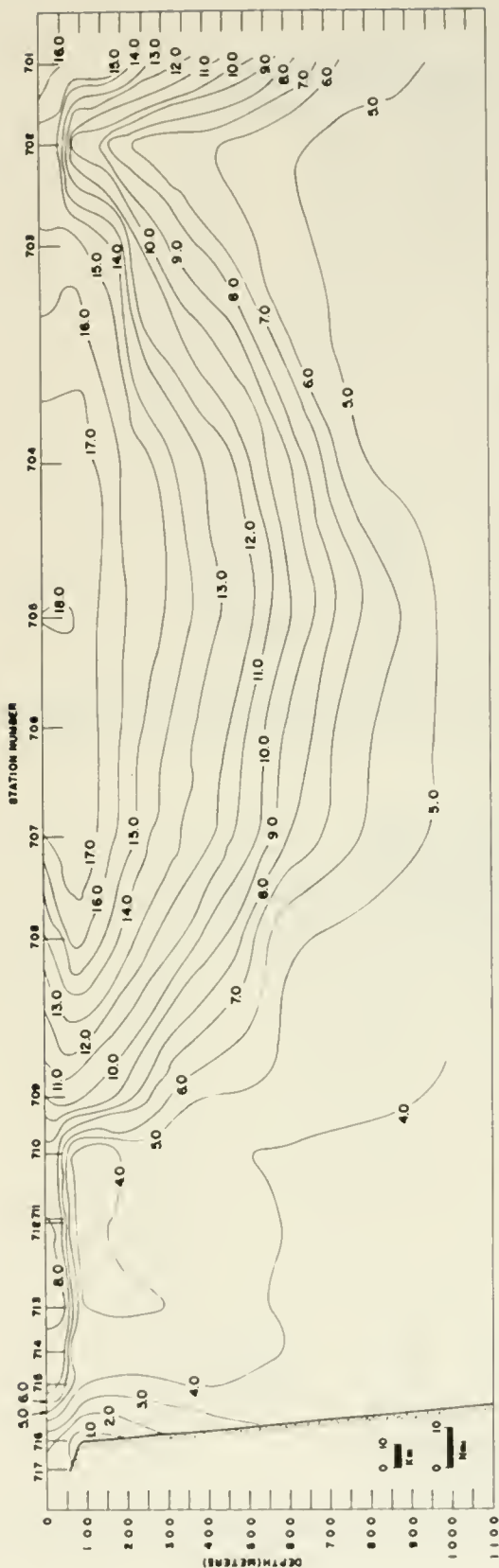


FIGURE 48a. Vertical temperature ($^{\circ}\text{C}$) profile for section A3 from data obtained by CGC HAMILTON, 17-20 November 1975.

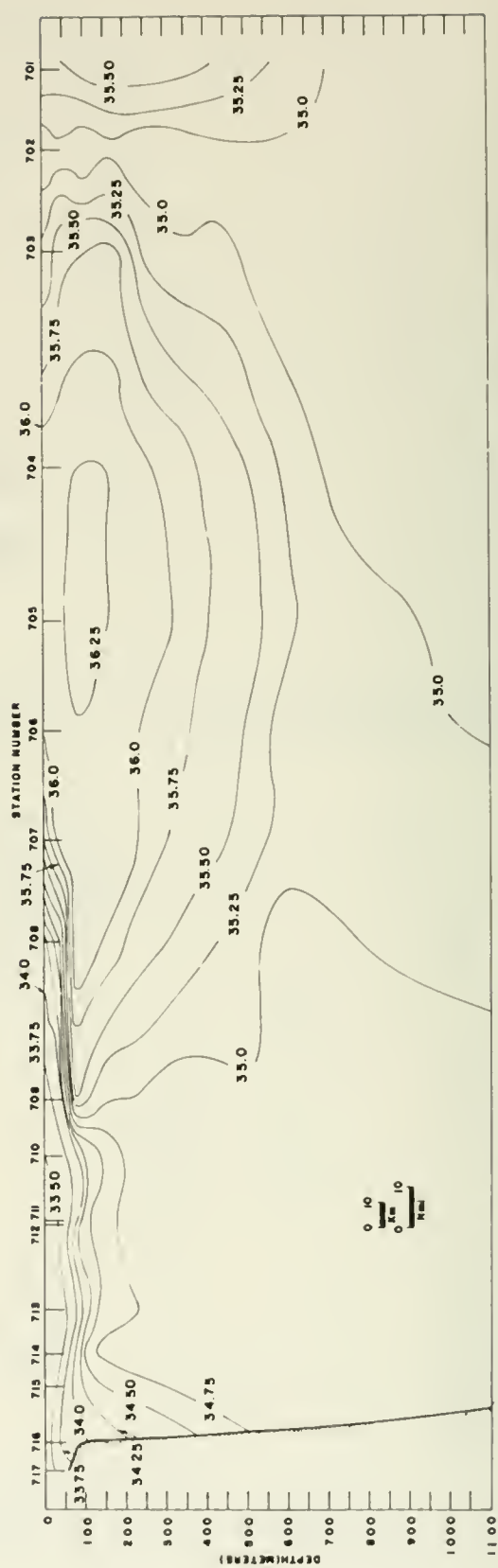


FIGURE 48b. Vertical salinity (‰) profile for section A3 from data obtained by CGC HAMILTON, 17-20 November 1975.

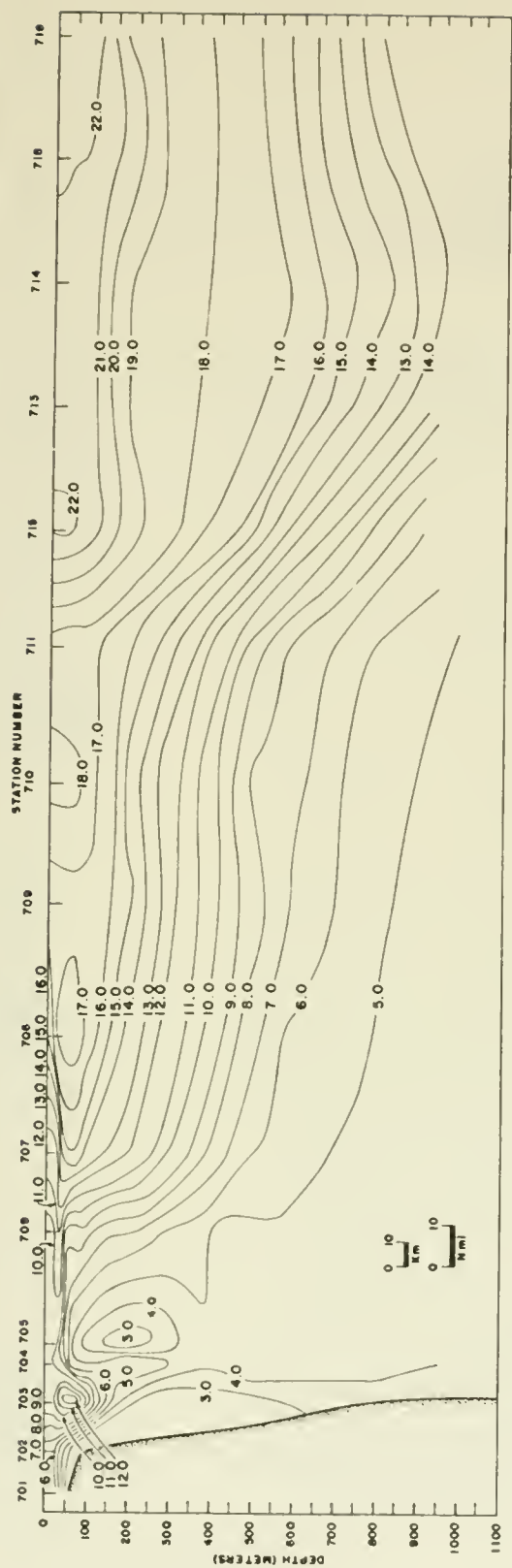


FIGURE 49a. Vertical temperature ($^{\circ}\text{C}$) profile for section A4 from data obtained by CGC HAMILTON, 21-23 November 1975.

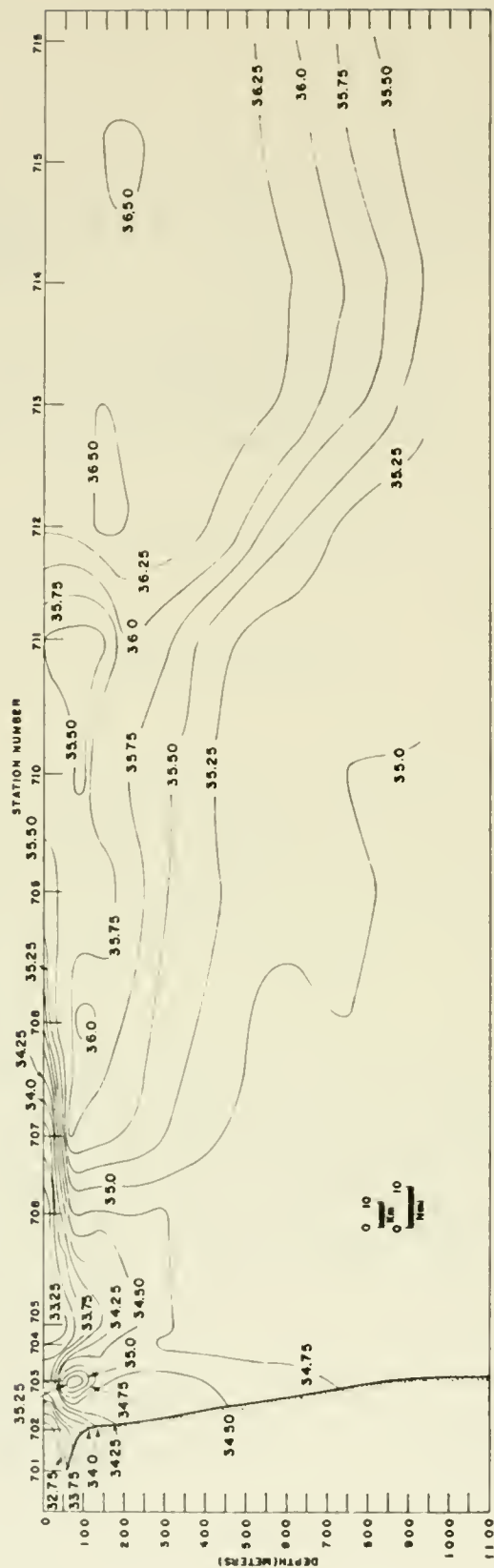


FIGURE 49b. Vertical salinity (‰) profile for section A1 from data obtained by CGC HAMILTON, 21-23 November 1975.

APPENDIX A
OCEANOGRAPHIC DATA

Cruises Listed	
I. USCGC CHASE, February, 1977 -----	58
II. USCGC EVERGREEN, April and May-June, 1977 -----	83
III. USCGC CHASE, August-September, 1977 -----	304
IV. USCGC HAMILTON, November, 1977 -----	336

Codes Utilized

A complete description of the codes utilized in the tabulation of oceanographic station data can be found in National Oceanographic Data Center publication M-2, **Processing Physical and Chemical Data from Oceanographic Stations**. (Rev. August 1964, supplement issued May 1966.)

To facilitate use of the oceanographic station data listing, entry headings which are not self-explanatory are described below.

REFID	NODC reference identity number.
CONSEC	Consecutive station number.
BOTDP (B)	Uncorrected sounding depth in meters.
SHIP (B)	NODC assigned platform identity code.
DATA USE	Entry 1 identifies DNP data.
AREA	NODC ocean area code.
CLOUD T/A (B)	Cloud type according to WMO code 0500 and cloud amount according to WMO code 2700.
Wave observations	
DIB	Direction from which dominant waves are coming in tens of degrees according to WMO code 0885.
HGT	Height of dominant waves according to WMO code 1555.
PER	Period of dominant waves according to WMO code 3155.
SEA (B)	Sea state according to WMO code 3700.
CL/TR (B)	Water color according to fore-Ule code. Transparency in meters as determined by Secchi disc.
WIND DIR (B)	Direction from which wind is blowing in tens of degrees according to WMO code 0877.
WIND SPD (B)	Wind speed in knots.
WIND FOR (B)	Wind force in beaufort code.
WEATHER (B)	Weather code—If preceded by letter X is according to WMO code 4501. A numeric two digit entry indicates weather according to WMO code 4677.
INST	Instrument used for observation—"Nansen Cast" indicates station consists of Nansen cast data—"STD Recorder" indicates station consists of STD data or a mixture of STD and Nansen cast data.
TRACE DIR (B)	"Trace" indicator U (UP), D (DOWN), and A (AVERAGED)—used with STD casts, and specify that data were taken while hoisting or lowering respectively or that the two traces were averaged.
DERATION (B)	Time elapsed during raising or lowering of the STD recorder to tenths of hours.
ORIG (B)	Originator's reference number in two parts—cruise number or 3 characters (if year of cruise forms part of cruise number years digits may sometimes only be found in "Year" field), and station number.
TEN SQ	Ten-degree square—modified Canadian square number.
5 SQUARE	Five-degree squares—modified Canadian system.
2 SQUARE	Two-degree squares—modified Canadian system.
1 SQUARE	One-degree squares—modified Canadian system.
CASTNUM (B)	Number of cast on multicast stations (blank when messenger time is given).
TIME (B)	Time of release of messenger in hour and tenths for applicable observed levels. If multicast series extends past midnight, 24 hours are added to cast time of next day. Beginning time for STD is given at first obs depth.
LVL TYP	Type of record at depth indicated. "OBS"—observed values. For STD recorder = level of data read-out. "STD"—NODC standard interpolated values. "ORG"—Standard or other depths carrying non-NODC interpolated values. "LIT"—Interpolated standard depth values used as obs for computational purposes. Note—When an observed level coincides with a STD depth level, both "STD" and "OBS" lines will appear.
DEPTH	Depth of sample (or standard level) in whole meters. Prefix "T" indicates thermometrically determined depth (depth of unprotected thermometers). Subscript "Q" indicates that the value is marked doubtful by the originator. A value designated as implausible by NODC is marked with a "P". Postscript "Z" indicates uncorrected and inaccurate 'Wire-out' depths, (high wire angle present).
TEMP (B)	Temperature in degrees celsius. For 'Q' and 'P' notation see depth field.
SAL (B)	Salinity in parts per thousand. For 'Q' and 'P' notation see depth field.
SIGMA-T (B)	Seawater density anomaly to 2 decimal places. When depth, temp, or salinity is doubtful, a 'Q' is suffixed. An asterisk indicates a decrease of 0.02 or more from the previous level.
DYNDEPTH	Dynamic depth anomaly in dynamic meters to millimeters.
SND VEL (B)	Sound velocity in meters per second to decimeters according to Wilson's formula. (A standard depth-pressure term is used for stations not beginning at the surface).
OXYG (B)	Oxygen in ML/L to hundredths.

TABLE I. USCGC CHASE, February, 1977.

N D C C S T A T I D N O A T A

REFID 31 8433	YEAR 1975	BOTDP 04480	AIR TEMP 18.0	DIR HGT PER	WIND-DIR 27	INST STC RECORDER	TEN SO 1307
COMSEC 0001	MONTH 02	SHIP EL	WET BULB 16.3		WIND-SPD 25	TRACE DIR 0	5 SQUARE 1
LAT 40 18 N	DAY 08	DATA USE 1	BAROMETR 0895.3	SEA	WIND-FOR	CURAT IDA	2 SQUARE 00
LONG 050 20 W	MOOR 03.4	AREA 05	CLOUD T/A	CL/TA	WEATHER A2	ORIG A4 03101	1 SQUARE 00

CASTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OVNOMPH	IND VEL	DRYG	PO4	TOT R	NO2	NO3	SIO3	PH
03.4	STO	00000	14.74	35.81	26.87	00.000	1507.6							
	DBS	00000	14.74	35.81	26.67		1507.6							
	STO	00010	14.72	35.82	26.68	00.014	1507.7							
	DBS	00010	14.72	35.82	26.68		1507.7							
	STO	00020	14.73	35.82	26.68	00.027	1507.9							
	DBS	00020	14.73	35.82	26.68		1507.9							
	STO	00030	14.76	35.84	26.69	00.041	1508.2							
	DBS	00030	14.78	35.84	26.65		1508.2							
	STO	00050	14.77	35.85	26.70	00.069	1508.5							
	DBS	00050	14.77	35.85	26.70		1508.5							
	STO	00075	14.77	35.85	26.70	00.103	1508.6							
	DBS	00075	14.77	35.85	26.70		1508.9							
	STO	00100	14.76	35.85	26.70	00.138	1509.3							
	DBS	00100	14.76	35.85	26.70		1509.3							
	STO	00125	14.75	35.85	26.70	00.172	1509.7							
	DBS	00125	14.75	35.85	26.70		1509.7							
	STO	00150	14.75	35.84	26.69	00.207	1510.1							
	DBS	00150	14.75	35.84	26.69		1510.1							
	STO	00185	14.75	35.84	26.69		1510.7							
	DBS	00200	14.48	35.83	26.74	00.277	1510.0							
	STO	00200	14.48	35.83	26.74		1510.0							
	DBS	00250	13.18	35.71	26.92	00.341	1506.5							
	STO	00250	13.18	35.71	26.92		1506.5							
	DBS	00300	12.04	35.56	27.03	00.395	1503.2							
	STO	00300	12.04	35.56	27.03		1503.2							
	DBS	00400	09.03	35.22	27.30	00.498	1493.7							
	STO	00400	09.03	35.22	27.30		1493.7							
	DBS	00500	07.67	35.11	27.43	00.578	1490.0							
	STO	00500	07.67	35.11	27.43		1490.0							
	DBS	00600	06.19	35.00	27.55	00.647	1485.7							
	STO	00600	06.19	35.00	27.55		1485.7							
	DBS	00700	05.67	35.04	27.65	00.706	1485.3							
	STO	00700	05.67	35.04	27.65		1485.3							
	DBS	00800	05.30	35.05	27.70	00.759	1485.5							
	STO	00800	05.30	35.05	27.70		1485.5							
	DBS	00900	04.94	35.04	27.74	00.808	1485.7							
	STO	00900	04.94	35.04	27.74		1485.7							
	DBS	01000	04.66	35.00	27.74	00.856	1486.1							
	STO	01000	04.66	35.00	27.74		1486.1							
	DBS	01100	04.47	35.01	27.76	00.903	1487.0							
	STO	01100	04.47	35.01	27.76		1487.0							
	DBS	01200	04.32	34.98	27.76	00.950	1488.1							
	STO	01200	04.32	34.98	27.76		1488.1							
	DBS	01300	04.24	34.98	27.77	00.997	1489.4							
	STO	01300	04.24	34.98	27.77		1489.4							
	DBS	01400	04.04	34.96	27.77	01.044	1490.2							
	STO	01400	04.04	34.96	27.77		1490.2							
	DBS	01500	03.98	34.95	27.77	01.092	1491.6							
	STO	01500	03.98	34.95	27.77		1491.6							

TABLE 1. USCGC CHASE, February, 1977.—Continued

MOOC STATION DATA

REFID 31 8433 YEAR 1975 BOTOP 04572 AIA TEMP 11.1 DIR MGT PER WIND-OIR 31 INST STO RECORDER TEN 50 1307
 CONSEC 0002 MONTH 02 S+IP E1 WET GULB 09.9 WIND-SPO 30 TRACE OIA C 5 SQUARE 1
 LAT 40 50 N DAY 08 DATA USE 1 BAROMETER 0994.9 SEA WIND-FOR DURATION 2 SQUARE 00
 LONG 050 15.5W HOUR 07.5 AREA 05 CLOUD T/A CL/TR WEATHEA X2 OIRIC A4 03102 OIRIC 1 SQUARE 00

CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
STD	00010	14.56	35.93	26.71	1506.6									
085	00010	14.98	35.93	26.71	1508.6									
STD	00020	14.97	35.92	26.70	1508.6									
085	00020	14.97	35.92	26.70	1508.6									
STD	00030	15.00	35.93	26.71	1509.0									
085	00030	15.00	35.93	26.71	1509.0									
085	00040	14.85	35.88	26.70	1508.7									
STD	00050	14.77	35.88	26.72	1508.6									
085	00050	14.77	35.88	26.72	1508.6									
STD	00075	14.70	35.88	26.73	1508.7									
085	00075	14.70	35.88	26.73	1508.7									
STD	00100	14.66	35.88	26.74	1509.0									
085	00100	14.66	35.88	26.74	1509.0									
STD	00125	14.64	35.87	26.74	1509.4									
085	00125	14.64	35.87	26.74	1509.4									
STD	00150	14.62	35.85	26.73	1509.7									
085	00150	14.62	35.85	26.73	1509.7									
STD	00200	14.45	35.84	26.76	1509.5									
085	00250	14.28	35.80	26.76	1510.2									
STD	00250	14.28	35.80	26.76	1510.2									
085	00300	13.33	35.73	26.51	1507.8									
STD	00300	13.33	35.73	26.91	1507.8									
085	00400	10.54	35.37	27.17	1459.4									
STD	00400	10.54	35.37	27.17	1459.4									
085	00500	08.19	35.13	27.37	1452.0									
STD	00500	08.19	35.13	27.37	1452.0									
085	00600	06.40	35.02	27.54	1466.6									
STD	00600	06.40	35.02	27.54	1466.6									
085	00700	05.50	34.95	27.63	1464.6									
STD	00700	05.50	34.95	27.63	1464.6									
085	00705	05.70	35.06	27.66	1465.6									
STD	00800	05.35	35.06	27.70	1465.7									
085	00800	05.35	35.06	27.70	1465.7									
STD	00870	04.75	34.57	27.70	1464.3									
085	00900	04.91	35.04	27.74	1465.6									
STD	00900	04.91	35.04	27.74	1465.6									
085	01000	04.72	35.00	27.73	1466.4									
STD	01000	04.72	35.00	27.73	1466.4									
085	01100	04.55	34.99	27.74	1467.3									
STD	01100	04.55	34.99	27.74	1467.3									
085	01200	04.20	34.94	27.74	1467.5									
STD	01200	04.20	34.94	27.74	1467.5									
085	01300	04.00	34.52	27.74	1468.3									
STD	01300	04.00	34.52	27.74	1468.3									
085	01400	03.95	34.52	27.75	1469.8									
STD	01400	03.95	34.52	27.75	1469.8									
085	01500	03.87	34.51	27.75	1491.1									
STD	01500	03.87	34.51	27.75	1491.1									

TABLE I. USCGC CHASE, February, 1977.— Continued

MOOD STATION DATA

REFID 31 0433 YEAR 1975 BOTOP 04206 AIR TEMP 05.3 OIR HGT PER WIND-DIR 34 INST STO RECORDER TEN SQ 1307
 COMSEC 0003 MONTH 02 SHIP E1 WET BULB 08.0 23 5 6 WIND-SPO 25 TRACE DIR 0 5 SQUARE 1
 LAT 41 22 N DAY 08 DATA USE 1 BAROMETR 1000.1 SEA CL/TR WIND-FOR DURATION 2 SQUARE 00
 LONG 050 22.5W HOUR 11.3 AREA 05 CLOUD T/A WEATHER A1 QALG A4 03103 1 SQUARE 10

CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SHO VEL	OXYG	PD4	TOT P	NO2	NO3	SI03	PH
11.3	STO	00000	14.97	35.93	26.71	00.000	1508.4							
	OBS	00000	14.97	35.93	26.71		1508.4							
	STO	00010	14.97	35.93	26.71	00.013	1508.6							
	OBS	00010	14.97	35.93	26.71		1508.6							
	STO	00020	14.98	35.93	26.71	00.027	1508.8							
	OBS	00020	14.98	35.93	26.71		1508.8							
	STO	00030	14.98	35.93	26.71	00.040	1509.0							
	OBS	00030	14.91	35.93	26.71		1509.0							
	STO	00050	14.99	35.93	26.71	00.067	1509.3							
	OBS	00050	14.99	35.93	26.71		1509.3							
	STO	00075	14.99	35.93	26.71	00.102	1509.7							
	OBS	00075	14.99	35.93	26.71		1509.7							
	STO	00100	14.99	35.93	26.71	00.136	1510.1							
	OBS	00100	14.99	35.93	26.71		1510.1							
	STO	00125	15.00	35.93	26.71	00.170	1510.6							
	OBS	00125	15.00	35.93	26.71		1510.6							
	STO	00150	15.00	35.93	26.71	00.205	1511.0							
	OBS	00150	15.00	35.93	26.71		1511.0							
	STO	00170	15.00	35.93	26.71		1511.3							
	OBS	00170	15.00	35.93	26.71		1511.3							
	STO	00200	14.21	35.85	26.82	00.272	1509.2							
	OBS	00200	14.21	35.85	26.82		1509.2							
	STO	00250	13.26	35.75	26.94	00.335	1506.8							
	OBS	00250	13.26	35.75	26.94		1506.8							
	STO	00300	11.93	35.58	27.07	00.392	1502.9							
	OBS	00300	11.93	35.58	27.07		1502.9							
	STO	00400	09.37	35.27	27.25	00.485	1495.0							
	OBS	00400	09.37	35.27	27.25		1495.0							
	STO	00500	07.48	35.12	27.47	00.566	1489.3							
	OBS	00500	07.48	35.12	27.47		1489.3							
	STO	00568	05.40	34.88	27.55		1481.8							
	OBS	00568	05.40	34.88	27.55		1481.8							
	STO	00600	05.73	34.94	27.56	00.635	1483.8							
	OBS	00600	05.73	34.94	27.56		1483.8							
	STO	00610	05.88	35.00	27.59		1484.6							
	OBS	00610	05.88	35.00	27.59		1484.6							
	STO	00620	05.73	34.99	27.60		1484.2							
	OBS	00620	05.73	34.99	27.60		1484.2							
	STO	00640	05.95	35.08	27.64		1485.5							
	OBS	00640	05.95	35.08	27.64		1485.5							
	STO	00700	05.46	35.06	27.69	00.691	1484.5							
	OBS	00700	05.46	35.06	27.69		1484.5							
	STO	00800	05.04	35.05	27.73	00.740	1484.4							
	OBS	00800	05.04	35.05	27.73		1484.4							
	STO	00900	04.56	35.00	27.75	00.787	1484.1							
	OBS	00900	04.56	35.00	27.75		1484.1							
	STO	01000	04.42	34.98	27.75	00.833	1485.1							
	OBS	01000	04.42	34.98	27.75		1485.1							
	STO	01100	04.36	34.98	27.75	00.880	1486.5							
	OBS	01100	04.36	34.98	27.75		1486.5							
	STO	01200	04.24	34.97	27.76	00.926	1487.7							
	OBS	01200	04.24	34.97	27.76		1487.7							
	STO	01300	04.09	34.96	27.77	00.973	1488.7							
	OBS	01300	04.09	34.96	27.77		1488.7							
	STO	01400	03.94	34.95	27.77	01.020	1489.8							
	OBS	01400	03.94	34.95	27.77		1489.8							
	STO	01500	03.97	34.94	27.76	01.067	1491.6							
	OBS	01500	03.97	34.94	27.76		1491.6							

TABLE I. USCGC CHASE, February, 1977. Continued

MOORE STATION DATA

REFID 91 8433	YEAR 1975	80TOP 03750	AIR TEMP 07.1	OIR MGT PER	WIND-OIR 28	INST STC RECORDER	TEM SQ 1307
CONSEC 0004	MONTH 02	SHIP E1	WET BULB 05.5	23 3 5	WIND-SPO 20	TRACE OIR	5 SQUARE 1
LAT +1 52.3N	DAY 08	DATA USE 1	BAROMETER 1001.0	SEA	WIND-FOR	DURATION	2 SQUARE 03
LONG 050 28.1W	MOOR 15.4	AREA 05	CLOUD T/A	CL/TA	WEATHER A1	OR16 A4 03104	1 SQUARE 10

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPHT	SNO VEL	OXYG	PO4	TOT P	MO2	MO3	SIO3	PH
15.4	STO	00000	06.95	33.78	26.49	00.000	1477.3							
	085	00000	06.95	33.78	26.49		1477.3							
	STO	00010	06.83	33.65	26.43 *	00.016	1476.8							
	085	00010	06.83	33.65	26.43		1476.8							
	STO	00020	08.70	33.68	26.15 *	00.033	1484.2							
	085	00020		33.68										
	STO	00030	10.29	33.70	25.91 *	00.053	1490.3							
	085	00030		33.70										
	STO	00050	12.58	35.34	26.76	00.087	1500.7							
	085	00050	12.58	35.34	26.76		1500.7							
	085	00058	13.17	35.58	26.81		1503.1							
	STO	00075	12.64	35.52	26.88	00.119	1501.5							
	085	00078	12.55	35.51	26.90		1501.3							
	085	00063	12.93	35.61	26.90		1502.6							
	STO	00100	12.32	35.55	26.97	00.148	1500.9							
	085	00100	12.32	35.55	26.97		1500.9							
	085	00115	11.93	35.49	27.00		1499.7							
	STO	00125	12.23	35.56	27.01	00.175	1501.0							
	085	00125	12.23	35.58	27.01		1501.0							
	085	00130	12.38	35.60	27.00		1501.7							
	STO	00150	11.68	35.54	27.09	00.202	1499.5							
	085	00150	11.68	35.54	27.09		1499.5							
	STO	00200	10.58	35.40	27.18	00.251	1496.3							
	085	00200	10.58	35.40	27.18		1496.3							
	STO	00250	09.61	35.31	27.28	00.296	1493.5							
	085	00250	09.61	35.31	27.28		1493.5							
	STO	00300	08.52	35.17	27.35	00.337	1490.0							
	085	00300	08.52	35.17	27.35		1490.0							
	085	00350	06.47	34.87	27.41		1482.5							
	085	00360	06.78	34.95	27.43		1484.0							
	STO	00400	05.34	34.72	27.43	00.412	1478.6							
	085	00400	05.34	34.72	27.43		1478.6							
	085	00440	06.43	35.08	27.58		1484.1							
	STO	00500	05.19	34.93	27.62	00.474	1479.9							
	085	00500	05.19	34.93	27.62		1479.9							
	085	00510	05.14	34.93	27.62		1479.9							
	085	00545	05.57	35.05	27.67		1482.4							
	STO	00600	05.34	35.05	27.70	00.526	1482.4							
	085	00600	05.34	35.05	27.70		1482.4							
	STO	00700	05.00	35.03	27.72	00.574	1482.6							
	085	00700	05.00	35.03	27.72		1482.6							
	STO	00800	04.71	35.03	27.75	00.619	1483.1							
	085	00800	04.71	35.03	27.75		1483.1							
	085	00833	04.44	34.97	27.74		1482.4							
	STO	00900	04.34	34.97	27.75	00.664	1483.1							
	085	00900	04.34	34.97	27.75		1483.1							
	STO	01000	04.26	34.97	27.76	00.709	1484.5							
	085	01000	04.26	34.97	27.76		1484.5							
	STO	01100	04.31	34.97	27.75	00.755	1486.3							
	085	01100	04.31	34.97	27.75		1486.3							
	STO	01200	04.27	35.11	27.87	00.797	1488.0							
	085	01200	04.27	35.11	27.87		1488.0							
	STO	01300	04.14	35.10	27.87	00.835	1489.1							
	085	01300	04.14	35.10	27.87		1489.1							
	STO	01400	04.03	35.09	27.88	00.872	1490.4							
	085	01400	04.03	35.09	27.88		1490.4							
	STO	01500	03.97	35.06	27.86	00.910	1491.7							
	085	01500	03.97	35.06	27.86		1491.7							

Table I. USCGC CHASE, February, 1977.- Continued

MODE STATION DATA

REFID 31 8433	YEAR 1975	BOTDP 02377	AIR TEMP	DIR MGT PEA	WIND-DIR 28	INST STD RECDREA	TEN SO 1307
CONSEC 0005	MONTH 02	SHIP E1	WET BULB	30 3 6	WIND-SPD 25	TRACE DIR 0	5 SQUARE 1
LAT 42 11.8N	DAY 08	DATA USE 1	BAROMETR 1001.0	SEA	WIND-FOR	DURATION	2 SQUARE 20
LONG 050 25.8W	MOUR 18.1	AREA 05	CLOUD 7/A	CL/7A	WEATHER E1	DRIE A4 03105	1 SQUARE 20

CASHTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	ORYG	PO4	TOT P	NO2	NO3	SIO3	PH
18.1	STD	00000	05.69	33.48	26.41	00.000	1471.8							
	OBS	00000	05.69	33.48	26.41		1471.8							
	STD	00010	05.68	33.47	26.41	00.016	1471.9							
	OBS	00010	05.68	33.47	26.41		1471.9							
	STD	00020	05.31	33.46	26.44	00.032	1470.6							
	OBS	00020	05.31	33.46	26.44		1470.6							
	STD	00030	06.33	33.68	26.49	00.048	1475.2							
	OBS	00030	06.33	33.68	26.49		1475.2							
	STD	00050	07.52	33.94	26.53	00.079	1480.5							
	OBS	00050	07.52	33.94	26.53		1480.5							
	STD	00075	09.12	34.64	26.84	00.113	1487.9							
	OBS	00075	09.12	34.64	26.84		1487.9							
	OBS	00080	09.51	34.89	26.90		1491.2							
	STD	00100	08.82	34.80	27.01	00.142	1467.4							
	OBS	00100	08.82	34.80	27.01		1467.4							
	STD	00125	06.81	34.52	27.09	00.16E	1475.7							
	OBS	00125	06.81	34.52	27.09		1475.7							
	STD	00150	06.43	34.54	27.15	00.193	1478.7							
	OBS	00150	06.43	34.54	27.15		1478.7							
	OBS	00180	04.67	34.40	27.26		1471.8							
	STD	00200	05.17	34.47	27.26	00.237	1474.3							
	OBS	00200	05.17	34.47	27.26		1474.3							
	OBS	00240	04.19	34.42	27.33		1470.8							
	STD	00250	04.30	34.46	27.35	00.278	1471.5							
	OBS	00250	04.30	34.46	27.35		1471.5							
	OBS	00270	04.63	34.50	27.34		1473.3							
	STD	00300	04.00	34.50	27.41	00.314	1471.1							
	OBS	00300	04.00	34.50	27.41		1471.1							
	OBS	00320	03.87	34.52	27.44		1470.9							
	OBS	00370	05.83	35.04	27.63		1480.5							
	STD	00400	05.54	35.02	27.65	00.375	1479.8							
	OBS	00400	05.54	35.02	27.65		1479.8							
	STD	00500	05.14	35.01	27.69	00.424	1479.8							
	OBS	00500	05.14	35.01	27.69		1479.8							
	STD	00600	04.87	35.01	27.72	00.471	1480.4							
	OBS	00600	04.87	35.01	27.72		1480.4							
	STD	00700	04.65	35.00	27.74	00.516	1481.1							
	OBS	00700	04.65	35.00	27.74		1481.1							
	STD	00800	04.30	34.97	27.75	00.560	1481.3							
	OBS	00800	04.30	34.97	27.75		1481.3							
	STD	00900	03.90	34.91	27.75	00.604	1481.2							
	OBS	00900	03.90	34.91	27.75		1481.2							
	OBS	00920	04.01	34.93	27.75		1482.0							
	OBS	00985	03.81	34.89	27.74		1482.2							
	STD	01000	03.86	34.90	27.74	00.649	1482.7							
	OBS	01000	03.86	34.90	27.74		1482.7							
	OBS	01010	03.91	34.90	27.74		1483.1							
	OBS	01040	03.77	34.89	27.74		1483.0							
	STD	01100	04.11	34.96	27.76	00.695	1485.5							
	OBS	01100	04.11	34.96	27.76		1485.5							
	STD	01200	04.02	34.95	27.77	00.740	1486.8							
	OBS	01200	04.02	34.95	27.77		1486.8							
	STD	01300	04.02	34.95	27.77	00.786	1488.4							
	OBS	01300	04.02	34.95	27.77		1488.4							
	STD	01400	03.95	34.94	27.77	00.833	1489.8							
	OBS	01400	03.95	34.94	27.77		1489.8							
	STD	01500	03.85	34.92	27.76	00.881	1491.1							
	OBS	01500	03.85	34.92	27.76		1491.1							

TABLE I. USCGC CHASE, February, 1977.— Continued

NOOC STATION DATA

REFID 31 8433	YEAR 1975	BOTOP 02377	AIR TEMP 03.0	DIA MGT PER	WIND-DIR 29	INST STD RECORDER	TEN 50 1307
CONSEC 0006	MONTH 02	SHIP E1	WE7 0UL8 02.0	27 4 6	WIND-SPO 20	TRACE DIA 0	5 SQUARE 1
LAT 42 28 N	DAY 08	DATA USE 1	BAROMETR 1003.0	SEA	WIND-FOR	DURATICA	2 SQUARE 20
LONG 050 24 W	MOUR 20.9	AREA 05	CLCUD T/A	CL/TR	WEATHER X1	ORIG A4 03106	1 SQUARE 20

CAS/MUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNDEPTH	SND VEL	DAYG	PO4	TOT P	MO2	MO3	S103	PH
20.5	STD	00000	03.06	33.12	26.33	00.000	1463.7							
	OBS	00000	03.06	33.12	26.33		1463.7							
	STD	00010	03.07	33.13	26.34	00.017	1464.0							
	OBS	00010	03.07	33.13	26.34		1464.0							
	STD	00020	03.06	33.13	26.34	00.034	1464.1							
	OBS	00020	03.06	33.13	26.34		1464.1							
	STD	00030	03.59	33.13	26.36	00.051	1463.1							
	OBS	00030	03.59	33.13	26.36		1463.1							
	STD	00050	02.47	33.34	26.63	00.082	1458.9							
	OBS	00050	02.47	33.34	26.63		1458.9							
	STD	00075	03.22	33.78	26.51	00.114	1463.1							
	OBS	00075	03.22	33.78	26.51		1463.1							
	OBS	00090	03.22	33.80	26.93		1463.4							
	STD	00100	03.42	33.56	27.04	00.141	1464.6							
	OBS	00100	03.42	33.56	27.04		1464.6							
	OBS	00105	03.27	34.04	27.12		1464.2							
	STD	00125	02.82	34.04	27.16	00.166	1462.6							
	OBS	00125	02.82	34.04	27.16		1462.6							
	STD	00150	02.58	34.16	27.24	00.188	1463.8							
	OBS	00150	02.58	34.16	27.24		1463.8							
	OBS	00190	03.73	34.44	27.39		1468.1							
	STD	00200	03.58	34.47	27.43	00.226	1467.7							
	OBS	00200	03.58	34.47	27.43		1467.7							
	OBS	00225	04.30	34.66	27.51		1471.4							
	STD	00250	04.08	34.72	27.58	00.257	1470.5							
	OBS	00250	04.08	34.72	27.58		1470.9							
	STD	00300	04.08	34.73	27.58	00.284	1471.8							
	OBS	00300	04.08	34.73	27.58		1471.8							
	STD	00400	04.13	34.86	27.68	00.334	1473.8							
	OBS	00400	04.13	34.86	27.68		1473.8							
	OBS	00450	03.93	34.86	27.70		1473.8							
	OBS	00450	04.23	34.57	27.76		1475.5							
	STD	00500	04.05	34.94	27.75	00.377	1475.2							
	OBS	00500	04.05	34.54	27.75		1475.2							
	OBS	00530	04.55	35.00	27.75		1477.5							
	OBS	00560	04.25	34.57	27.76		1477.1							
	OBS	00580	04.65	35.01	27.74		1479.1							
	STD	00600	04.47	34.59	27.75	00.418	1478.7							
	OBS	00600	04.47	34.99	27.75		1478.7							
	STD	00700	04.35	34.58	27.75	00.461	1480.0							
	OBS	00700	04.35	34.98	27.75		1480.0							
	STD	00800	04.32	34.58	27.76	00.504	1481.4							
	OBS	00800	04.32	34.98	27.76		1481.4							
	STD	00900	04.20	34.97	27.76	00.548	1482.5							
	OBS	00900	04.20	34.97	27.76		1482.5							
	STD	01000	04.02	34.56	27.77	00.591	1483.4							
	OBS	01000	04.02	34.56	27.77		1483.4							
	STD	01100	04.04	34.96	27.77	00.635	1485.2							
	OBS	01100	04.04	34.96	27.77		1485.2							
	STD	01200	03.98	34.55	27.77	00.680	1486.6							
	OBS	01200	03.98	34.55	27.77		1486.6							
	STD	01300	03.95	34.97	27.75	00.724	1488.2							
	OBS	01300	03.95	34.97	27.75		1488.2							
	STD	01400	03.88	34.96	27.75	00.769	1489.6							
	OBS	01400	03.88	34.96	27.75		1489.6							
	STD	01500	03.85	34.56	27.79	00.814	1491.1							
	OBS	01500	03.85	34.56	27.79		1491.1							

TABLE I. USCGC CHASE, February, 1977.—Continued

MOOC STATION DATA

REFID 31 8433 YEAR 1975 BOTOP 01701 AIR TEMP 05.0 OIR HGT PER WIND-DIR 29 INST STO RECORDER TEM SO 1307
 COMSEC 0007 MONTH 02 SHIP E1 WET BULB 04.5 28 3 5 WIND-SPD 20 TRACE DIR 0 5 SQUARE 1
 LAT 42 34 N DAY 08 DATA USE 1 BAROMETR 1002.4 SEA WIND-FOR DURATION 2 SQUARE 20
 LONG 050 21.9 W HOUR 23.2 AREA 05 CLOUD T/A CL/T/F WEATHER X2 ORIG A4 03107 1 SQUARE 20

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYNDPTH	SND VEL	OAYG	PO4	TOT P	NO2	NO3	SIO3	PH
23.2	STO	00000	01.81	33.69	26.96	00.000	1455.6							
	OBS	00000	01.81	33.65	26.56		1455.6							
	STO	00010	01.09	33.69	27.01	00.011	1452.6							
	OBS	00010	01.09	33.69	27.01		1452.6							
	STO	00020	00.97	33.74	27.06	00.021	1452.3							
	OBS	00020	00.97	33.74	27.06		1452.3							
	STO	00030	00.76	33.74	27.07	00.031	1451.5							
	OBS	00030	00.76	33.74	27.07		1451.5							
	STO	00050	00.67	33.67	27.17	00.050	1452.5							
	OBS	00050	00.67	33.67	27.17		1452.5							
	OBS	00060	00.76	33.68	27.18		1452.2							
	STO	00075	00.91	33.54	27.22	00.072	1453.2							
	OBS	00075	00.91	33.54	27.22		1453.2							
	STO	00100	01.10	33.59	27.25	00.094	1454.5							
	OBS	00100	01.10	33.59	27.25		1454.5							
	STO	00125	01.38	34.04	27.27	00.114	1456.3							
	OBS	00125	01.38	34.04	27.27		1456.3							
	STO	00150	01.77	34.14	27.32	00.134	1458.5							
	OBS	00150	01.77	34.14	27.32		1458.5							
	STO	00200	02.16	34.27	27.40	00.171	1461.3							
	OBS	00200	02.16	34.27	27.40		1461.3							
	STO	00250	02.31	34.42	27.50	00.203	1462.9							
	OBS	00250	02.31	34.42	27.50		1462.9							
	OBS	00275	03.53	34.67	27.59		1465.0							
	STO	00300	02.99	34.61	27.60	00.231	1467.0							
	OBS	00300	02.99	34.61	27.60		1467.0							
	STO	00400	03.33	34.75	27.68	00.280	1470.3							
	OBS	00400	03.33	34.75	27.68		1470.3							
	STO	00500	03.37	34.83	27.74	00.324	1472.2							
	OBS	00500	03.37	34.83	27.74		1472.2							
	STO	00600	03.47	34.89	27.77	00.363	1474.4							
	OBS	00600	03.47	34.89	27.77		1474.4							
	STO	00700	03.49	34.91	27.79	00.402	1476.1							
	OBS	00700	03.49	34.91	27.79		1476.1							
	STO	00800	03.50	34.91	27.79	00.440	1477.8							
	OBS	00800	03.50	34.91	27.79		1477.8							
	STO	00900	03.46	34.92	27.80	00.479	1479.4							
	OBS	00900	03.46	34.92	27.80		1479.4							
	STO	01000	03.44	34.91	27.79	00.518	1480.9							
	OBS	01000	03.44	34.91	27.79		1480.9							
	STO	01100	03.44	34.91	27.79	00.558	1482.6							
	OBS	01100	03.44	34.91	27.79		1482.6							
	STO	01200	03.45	34.90	27.78	00.600	1484.3							
	OBS	01200	03.45	34.90	27.78		1484.3							
	STO	01300	03.45	34.90	27.78	00.643	1486.0							
	OBS	01300	03.45	34.90	27.78		1486.0							
	STO	01400	03.47	34.90	27.78	00.686	1487.7							
	OBS	01400	03.47	34.90	27.78		1487.7							
	STO	01500	03.47	34.90	27.78	00.731	1489.4							
	OBS	01500	03.47	34.90	27.78		1489.4							

REFID 31 8433 YEAR 1975 BOTOP 00402 AIR TEMP 02.2 OIR HGT PER WIND-DIR 29 INST STO RECORDER TEM SO 1307
 COMSEC 0008 MONTH 02 SHIP E1 WET BULB 01.2 25 5 7 WIND-SPD 20 TRACE DIR 0 5 SQUARE 1
 LAT 42 47.3 N DAY 09 DATA USE 1 BAROMETR 1006.1 SEA WIND-FOR DURATION 2 SQUARE 20
 LONG 050 20.6 W HOUR 01.4 AREA 05 CLOUD T/A CL/TR WEATHER X2 ORIG A4 03108 1 SQUARE 20

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYNDPTH	SND VEL	OAYG	PO4	TOT P	NO2	NO3	SIO3	PH
01.4	STO	00000	- 0.18	33.23	26.71	00.000	1446.0							
	OBS	00000	- 0.18	33.23	26.71		1446.0							
	STO	00010	- 0.29	33.30	26.77	00.013	1445.8							
	OBS	00010	- 0.29	33.30	26.77		1445.8							
	STO	00020	- 0.41	33.39	26.85	00.026	1445.5							
	OBS	00020	- 0.41	33.39	26.85		1445.5							
	STO	00030	- 0.46	33.44	26.89	00.038	1445.5							
	OBS	00030	- 0.46	33.44	26.89		1445.5							
	STO	00050	- 0.41	33.51	26.94	00.060	1446.2							
	OBS	00050	- 0.41	33.51	26.94		1446.2							
	STO	00075	- 0.18	33.55	27.00	00.088	1447.7							
	OBS	00075	- 0.18	33.55	27.00		1447.7							
	STO	00100	- 0.05	33.63	27.03	00.114	1448.8							
	OBS	00100	- 0.05	33.63	27.03		1448.8							
	STO	00125	00.03	33.66	27.05	00.140	1449.6							
	OBS	00125	00.03	33.66	27.05		1449.6							
	STO	00150	00.16	33.75	27.11	00.165	1450.8							
	OBS	00150	00.16	33.75	27.11		1450.8							
	STO	00157	00.81	33.90	27.20	00.211	1454.2							
	OBS	00200	00.70	33.87	27.18		1454.2							
	OBS	00200	00.70	33.87	27.18		1454.2							
	STO	00250	02.36	34.15	27.28	00.234	1462.8							
	OBS	00250	02.36	34.15	27.28		1462.8							
	STO	00300	02.18	34.27	27.39	00.292	1463.0							
	OBS	00300	02.18	34.27	27.39		1463.0							
	OBS	00327	02.03	34.32	27.45		1462.5							
	OBS	00345	02.34	34.37	27.46		1464.6							
	OBS	00380	02.58	34.43	27.49		1466.3							

TABLE I. USCGC CHASE, February, 1977.—Continued

MOOC STATION DATA

REFID 31 8433 YEAR 1975 BOTOP 00051 AIR TEMP 01.5 DIR HGT PER WIND-DIR 36 INST STO RECORDER TEN SG 1307
 CONSEC 0005 MONTH 02 SHIP E1 MET GULB 01.0 28 4 5 WIND-SPD 35 TRACE DIR C 5 SQUARE 1
 LAT 43 00 N DAY 09 DATA USE 1 BAROMETER 1007.5 SEA WIND-FOR DURATION 2 SQUARE 20
 LONG 050 22 W HOUR 03.4 AREA 05 CLCUO T/A CL/TR WEATHER X1 ORIG A4 03109 1 SQUARE 30

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYMOPHT	SHD VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
03.4	STD	00000	01.92	32.46	25.67	00.000	1454.4							
	OBS	00000	01.92	32.46	25.67		1454.4							
	STD	00010	01.85	32.47	25.98	00.020	1454.3							
	OBS	00010	01.85	32.47	25.98		1454.3							
	STD	00020	00.62	32.65	26.36	00.035	1449.5							
	OBS	00020	00.62	32.65	26.36		1449.5							
	STD	00030	00.52	32.66	26.38	00.056	1449.2							
	OBS	00030	00.52	32.66	26.38		1449.2							
	STD	00050	00.48	32.92	26.43	00.088	1449.4							
	OBS	00050	00.48	32.92	26.43		1449.4							
	OBS	00055	00.54	33.06	26.54		1450.0							
	OBS	00063	00.31	33.28	26.73		1449.4							
	STD	00075	00.94	33.60	26.95	00.122	1452.9							
	OBS	00075	00.94	33.60	26.95		1452.9							
	OBS	00080	00.95	33.60	26.95		1453.0							

REFID 31 8433 YEAR 1975 BOTOP 00078 AIR TEMP 01.5 DIR HGT PER WIND-DIR 08 INST STO RECORDER TEN SG 1307
 CONSEC 0010 MONTH 02 SHIP E1 MET GULB 01.0 28 4 5 WIND-SPD 35 TRACE DIR C 5 SQUARE 1
 LAT 43 10 N DAY 09 DATA USE 1 BAROMETER 1008.0 SEA WIND-FOR DURATION 2 SQUARE 20
 LONG 050 12.0W HOUR 04.5 AREA 05 CLCUO T/A CL/TR WEATHER X2 ORIG A4 03110 1 SQUARE 30

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYMOPHT	SHD VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
04.5	STD	00000	02.99	32.38	25.82	00.000	1459.0							
	OBS	00000	02.99	32.38	25.82		1459.0							
	STD	00010	02.96	32.40	25.84	00.022	1459.1							
	OBS	00010	02.96	32.40	25.84		1459.1							
	STD	00020	02.64	32.39	25.86	00.043	1457.8							
	OBS	00020	02.64	32.39	25.86		1457.8							
	STD	00030	00.87	32.58	26.13	00.064	1450.4							
	OBS	00030	00.87	32.58	26.13		1450.4							
	OBS	00040	- 0.13	32.87	26.42		1446.4							
	STD	00050	- 0.28	33.03	26.55	00.097	1446.1							
	OBS	00050	- 0.28	33.03	26.55		1446.1							
	OBS	00065	- 0.28	33.01	26.54		1446.3							

REFID 31 8434 YEAR 1975 BOTOP 00055 AIR TEMP -00.2 DIR HGT PER WIND-DIR 29 INST STO RECORDER TEN SG 1306
 CONSEC 0001 MONTH 02 SHIP E1 MET GULB -01.2 75 1 X WIND-SPD 32 TRACE DIR C 5 SQUARE 2
 LAT 44 40 N DAY 09 DATA USE 1 BAROMETER 1006.6 SEA WIND-FOR DURATION 2 SQUARE 48
 LONG 049 25 W HOUR 13.3 AREA 05 CLOUD T/A CL/TR WEATHER X1 ORIG A3 06301 1 SQUARE 46

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYMOPHT	SHD VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
13.3	STD	00000	- 1.17	33.11	26.65	00.000	1441.2							
	OBS	00000	- 1.17	33.11	26.65		1441.2							
	STD	00010	- 1.17	33.11	26.65	00.014	1441.4							
	OBS	00010	- 1.17	33.11	26.65		1441.4							
	STD	00020	- 1.17	33.12	26.66	00.028	1441.6							
	OBS	00020	- 1.17	33.12	26.66		1441.6							
	STD	00030	- 1.17	33.13	26.67	00.042	1441.8							
	OBS	00030	- 1.17	33.13	26.67		1441.8							
	OBS	00040	- 1.17	33.13	26.67		1441.9							

TABLE I. USCGC CHASE, February, 1977.— Continued

MOOC STATION DATA

REFID 31 8434 YEAR 1975 BOTOP 00201 AIA TEMP -00.2 DIR NGT PER WIND-DIR 29 INST STD RECORDER TEM SO 1304
 COMSEC 0002 MONTH 02 SHIP E1 MET BULB -01.2 79 1 A WIND-SPD 32 TRACE DIR C 5 SQUARE 2
 LAT 44 36 N DAY 09 DATA USE 1 BAROMETER 1005.0 SEA WIND-FOR DURATION 2 SQUARE 48
 LONG 045 00 H HOUR 14.7 AREA 05 CLOUD T/A CL/YR WEATHER X1 DR16 A3 06302 1 SQUARE 49

CALSTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	DAYC	PO4	TOT P	MO2	MO3	SID3	PH
14.7	STD	00000	- 1.16	33.20	26.72	00.000	1441.4							
	D85	00000	- 1.16	33.20	26.72		1441.4							
	STD	00010	- 1.16	33.21	26.73	00.013	1441.6							
	D85	00010	- 1.16	33.21	26.73		1441.6							
	STD	00020	- 1.16	33.22	26.74	00.026	1441.8							
	D85	00020	- 1.16	33.22	26.74		1441.8							
	STD	00030	- 1.16	33.22	26.74	00.040	1441.8							
	D85	00030	- 1.16	33.22	26.74		1441.5							
	STD	00050	- 1.16	33.22	26.74	00.066	1442.3							
	D85	00050	- 1.16	33.22	26.74		1442.3							
	STD	00075	- 0.95	33.36	26.87	00.097	1443.5							
	D85	00075	- 0.95	33.36	26.87		1443.5							
	STD	00100	- 0.63	33.60	27.03	00.125	1446.1							
	D85	00100	- 0.63	33.60	27.03		1446.1							
	STD	00125	- 0.29	33.75	27.13	00.150	1448.3							
	D85	00125	- 0.29	33.75	27.13		1448.3							
	STD	00150	- 0.11	33.83	27.19	00.172	1449.6							
	D85	00150	- 0.11	33.83	27.19		1449.6							
	D85	00170	- 0.12	33.52	27.26		1450.0							

REFID 31 8434 YEAR 1975 BOTOP 01682 AIA TEMP 02.0 DIR NGT PER WIND-DIR 28 INST STD RECORDER TEM SO 1306
 COMSEC 0003 MONTH 02 SHIP E1 MET BULB -01.0 79 1 A WIND-SPD 30 TRACE DIR D 5 SQUARE 2
 LAT 44 28.3N DAY 09 DATA USE 1 BAROMETER 1015.9 SEA WIND-FOR DURATION 2 SQUARE 48
 LONG 048 46.6W HOUR 20.5 AREA 05 CLOUD T/A CL/YR WEATHER X0 DR16 A3 06303 1 SQUARE 48

CALSTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	DAYC	PO4	TOT P	MO2	MO3	SID3	PH
20.5	STD	00000	00.11	33.73	27.10	00.000	1448.0							
	D85	00000	00.11	33.73	27.10		1448.0							
	STD	00010	00.11	33.74	27.11	00.010	1448.2							
	D85	00010	00.11	33.74	27.11		1448.2							
	STD	00020	00.11	33.74	27.11	00.019	1448.4							
	D85	00020	00.11	33.74	27.11		1448.4							
	STD	00030	00.16	33.74	27.10	00.025	1448.8							
	D85	00030	00.16	33.74	27.10		1448.8							
	STD	00050	00.16	33.74	27.10	00.048	1449.2							
	D85	00050	00.16	33.74	27.10		1449.2							
	STD	00075	00.19	33.79	27.14	00.072	1449.7							
	D85	00075	00.19	33.79	27.14		1449.7							
	D85	00090	00.53	33.97	27.24		1453.6							
	STD	00100	00.77	34.04	27.31	00.094	1453.1							
	D85	00100	00.77	34.04	27.31		1453.1							
	STD	00125	00.87	34.06	27.32	00.113	1454.0							
	D85	00125	00.87	34.06	27.32		1454.0							
	STD	00150	01.22	34.14	27.36	00.131	1456.1							
	D85	00150	01.22	34.14	27.36		1456.1							
	D85	00150	01.43	34.28	27.46		1457.9							
	STD	00200	01.73	34.33	27.48	00.165	1459.4							
	D85	00200	01.73	34.33	27.48		1459.4							
	STD	00250	02.35	34.53	27.59	00.194	1463.4							
	D85	00250	02.35	34.53	27.59		1463.4							
	D85	00300	02.82	34.61	27.61	00.220	1466.2							
	STD	00300	02.82	34.61	27.61		1466.2							
	D85	00340	03.00	34.68	27.65		1467.8							
	STD	00400	03.03	34.70	27.66	00.268	1468.9							
	D85	00400	03.03	34.70	27.66		1468.9							
	STD	00500	03.46	34.84	27.74	00.312	1472.6							
	D85	00500	03.46	34.84	27.74		1472.6							
	D85	00530	03.51	34.83	27.74		1473.3							
	STD	00600	03.50	34.92	27.80	00.351	1474.5							
	D85	00600	03.50	34.92	27.80		1474.5							
	STD	00700	03.47	34.50	27.78	00.385	1476.0							
	D85	00700	03.47	34.50	27.78		1476.0							
	STD	00800	03.43	34.50	27.79	00.427	1477.5							
	D85	00800	03.43	34.50	27.79		1477.5							
	STD	00900	03.42	34.85	27.78	00.467	1479.1							
	D85	00900	03.42	34.85	27.78		1479.1							
	STD	01000	03.42	34.88	27.77	00.508	1480.8							
	D85	01000	03.42	34.88	27.77		1480.8							

TABLE 1. USCGC CHASE, February, 1977.—Continued

MOOC STATION DATA

REFID 31 8434	YEAR 1975	BOTOP 01829	AIR TEMP 01.5	OIR HGT PER	WIND-OIR 20	INST HANSEN CAST	TEN SG 1306
CONSEC 0004	MONTH 02	SHIP E1	WET BULB -00.2	25 1 5	WIND-SPD 10	TRACE OIR	5 SQUARE 2
LA 44 29 N	DAY 10	DATA USE 1	BAROMETR 1016.6	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 048 32 W	MOOR 04.5	AREA 05	CLOUD T/A	CL/TR	WEATHER	DRIG A3 06304	1 SQUARE 48

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	QYNOPTH	SND VEL	ORYG	P04	T07	M02	M03	SIG3	PH
04.5	STO	00000	00.62	33.65	27.23	00.000	1452.0							
	OBS	00000	00.62	33.646	27.23		1452.0							
	STO	00010	00.95	33.96	27.23	00.009	1452.3							
	STO	00020	00.68	33.96	27.24	00.017	1452.6							
04.5	OBS	00022	00.98	33.965	27.24		1452.7							
	STO	00030	00.98	33.96	27.24	00.025	1452.8							
04.5	OBS	00045	00.68	33.965	27.24		1453.0							
	STO	00050	00.98	33.96	27.24	00.042	1453.1							
04.5	OBS	00068	00.97	33.965	27.24		1453.4							
	STO	00075	00.67	33.97	27.24	00.063	1453.5							
04.5	OBS	00090	00.97	33.985	27.26		1453.8							
	STO	00100	01.00	34.02	27.28	00.084	1454.1							
	STO	00125	01.13	34.10	27.34	00.103	1455.2							
04.5	OBS	00136	01.21	34.137	27.36		1455.8							
	STO	00150	01.36	34.17	27.38	00.121	1456.8							
04.5	OBS	T00185	01.76	34.268	27.43		1459.2							
	STO	00200	02.03	34.34	27.46	00.155	1460.8							
	STO	00250	02.74	34.54	27.56	00.185	1465.0							
04.5	OBS	00273	02.98	34.602	27.59		1466.5							
	STO	00300	03.14	34.65	27.61	00.212	1467.7							
04.5	OBS	T00355	03.38	34.723	27.65		1469.8							
	STO	00400	03.41	34.76	27.67	00.260	1470.6							
04.5	OBS	00447	03.45	34.786	27.69		1471.6							
	STO	00500	03.45	34.81	27.71	00.305	1472.7							
04.5	OBS	00532	03.50	34.821	27.72		1473.3							
	STO	00600	03.50	34.83	27.72	00.345	1474.4							
	STO	00700	03.49	34.84	27.73	00.392	1476.0							
04.5	OBS	T00701	03.49	34.836	27.73		1476.1							
	STO	00800	03.39	34.84	27.74	00.435	1477.3							
04.5	OBS	T00877	03.34	34.841	27.75		1478.4							
04.5	OBS	T01322	03.37	34.855	27.76		1486.0							

TABLE 1. USCGC CHASE, February, 1977.—Continued

MOOD STATION DATA

REFID 31 8434	YEAR 1975	BOTOP 0292A	AIR TEMP 02.5	OIR PGT PER	WIND-DIR 18	INST STO RECDROER	TEN SO 1306
CONSEC 0005	MONTH 02	SHIP E1	WET BULB 01.0	25 1 5	WIND-SPD 08	TRACE OIR 0	3 SQUARE 2
LAT 44 29.0M	DAY 10	DATA USE 1	BAROMETR 1014.6	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 048 26.7M	MOOR 06.3	AREA 05	CLOUD T/A	CL/TR	WEATHER X1	ORIG A3 06305	1 SQUARE 48

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNDPTH	SNO VEL	OXYG	PO4	707 P	AD2	NC3	ST03	PH
06.3	ST0	00000	00.53	33.84	27.16	00.000	1450.1							
	085	00000	00.53	33.84	27.16		1450.1							
	ST0	00010	01.01	33.87	27.16	00.009	1452.5							
	085	00010	01.01	33.87	27.16		1452.5							
	ST0	00020	01.03	33.87	27.16	00.018	1452.7							
	085	00020	01.03	33.87	27.16		1452.7							
	ST0	00030	01.03	33.87	27.16	00.028	1452.6							
	085	00030	01.03	33.87	27.16		1452.6							
	ST0	00050	01.05	33.88	27.16	00.046	1453.3							
	085	00050	01.05	33.88	27.16		1453.3							
	ST0	00075	00.95	33.91	27.19	00.068	1453.3							
	085	00075	00.95	33.91	27.19		1453.3							
	ST0	00100	01.46	34.04	27.26	00.090	1456.2							
	085	00100	01.46	34.04	27.26		1456.2							
	ST0	00125	01.93	34.21	27.37	00.109	1458.5							
	085	00125	01.93	34.21	27.37		1458.5							
	ST0	00150	02.21	34.30	27.42	00.126	1460.7							
	085	00150	02.21	34.30	27.42		1460.7							
	ST0	00200	02.58	34.44	27.50	00.155	1463.3							
	085	00200	02.58	34.44	27.50		1463.3							
	ST0	00250	03.00	34.56	27.56	00.188	1466.1							
	085	00250	03.00	34.56	27.56		1466.1							
	ST0	00300	04.63	34.88	27.64	00.214	1474.3							
	085	00300	04.63	34.88	27.64		1474.3							
	ST0	00400	04.45	34.88	27.68	00.262	1475.2							
	085	00400	04.45	34.88	27.68		1475.2							
	ST0	00480	04.38	34.89	27.68		1476.2							
	085	00500	04.09	34.85	27.68	00.310	1475.3							
	ST0	00500	04.09	34.85	27.68		1475.3							
	085	00550	03.75	34.83	27.70		1475.3							
	ST0	00600	03.84	34.85	27.71	00.357	1475.9							
	085	00600	03.84	34.85	27.71		1475.5							
	ST0	00648	03.90	34.86	27.71		1476.9							
	085	00685	03.66	34.84	27.72		1478.5							
	ST0	00700	03.75	34.84	27.71	00.402	1477.1							
	085	00700	03.75	34.84	27.71		1477.1							
	ST0	00800	03.69	34.84	27.71	00.445	1478.6							
	085	00800	03.69	34.84	27.71		1478.6							
	ST0	00820	03.76	34.85	27.71		1479.2							
	085	00850	03.58	34.83	27.72		1478.5							
	ST0	00860	03.86	34.85	27.73		1480.3							
	085	00900	03.85	34.86	27.72	00.455	1481.1							
	ST0	00900	03.69	34.88	27.72		1481.1							
	085	01000	03.72	34.85	27.72	00.542	1482.0							
	ST0	01000	03.72	34.85	27.72		1482.0							
	085	01020	03.70	34.86	27.73		1482.3							
	ST0	01050	03.85	34.88	27.73		1483.5							
	085	01100	03.78	34.87	27.73	00.590	1484.0							
	ST0	01100	03.78	34.87	27.73		1484.0							
	085	01200	03.76	34.88	27.74	00.637	1485.6							
	ST0	01200	03.76	34.88	27.74		1485.6							
	085	01300	03.78	34.85	27.74	00.685	1487.4							
	ST0	01300	03.78	34.85	27.74		1487.4							
	085	01400	03.77	34.90	27.75	00.733	1489.0							
	ST0	01400	03.77	34.90	27.75		1489.0							
	085	01500	03.70	34.89	27.75	00.781	1490.4							
	ST0	01500	03.70	34.89	27.75		1490.4							

TABLE I. USCGC CHASE, February, 1977. - Continued

MOOC STATION DATA

REFID 31 843-	YEAR 1975	BOATOP 03383	AIR TEMP 06.2	DIR HGT PER	WIND-DIR 14	INST STO RECORDER	TEN SO 1306
CONSEC 0006	MONTH 02	SHIP E1	WET BULB 06.2	15 3 5	WIND-SPC 20	TRACE DIR C	5 SQUARE 2
LA* 44 28.0N	DAY 10	DATA USE 1	BAROMETER 1008.5	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 048 05.5W	HOOR 08.8	AREA 05	CLOUD T/A	CL/TR	WEATHEA X5	CH16 A3 06306	1 SQUARE 48

CASSTNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	OXYG	PO4	TOT P	MC2	MC3	S103	PH
08.8	STO	00000	08.69	34.78	27.02	00.000	1485.3							
	085	00000	08.65	34.76	27.02		1485.3							
	STO	00010	08.66	34.78	27.02	00.011	1485.3							
	085	00010	08.66	34.76	27.02		1485.3							
	STO	00020	08.72	34.79	27.02	00.021	1485.7							
	085	00020	08.72	34.79	27.02		1485.7							
	STO	00030	08.73	34.80	27.02	00.032	1485.5							
	085	00030	08.73	34.80	27.02		1485.5							
	STO	00050	08.77	34.81	27.03	00.053	1486.4							
	085	00050	08.77	34.81	27.03		1486.4							
	STO	00075	08.77	34.81	27.03	00.075	1486.8							
	085	00075	08.77	34.81	27.03		1486.8							
	STO	00100	08.84	34.82	27.02	00.105	1487.5							
	085	00100	08.84	34.82	27.02		1487.5							
	STO	00125	09.03	34.89	27.05	00.132	1488.7							
	085	00125	09.03	34.89	27.05		1488.7							
	STO	00145	10.34	35.24	27.10		1454.3							
	085	00150	09.58	35.16	27.10	00.158	1493.0							
	STO	00150	09.58	35.16	27.10		1453.0							
	085	00200	08.69	35.01	27.20	00.206	1488.8							
	STO	00200	08.69	35.01	27.20		1488.8							
	085	00230	06.94	34.80	27.29		1482.3							
	STO	00250	06.46	34.76	27.32	00.245	1480.7							
	085	00250	06.46	34.76	27.32		1480.7							
	STO	00260	06.36	34.75	27.33		1480.5							
	085	00280	07.03	34.84	27.31		1483.6							
	STO	00300	05.73	34.80	27.45	00.286	1478.7							
	085	00300	05.73	34.80	27.45		1478.7							
	STO	00320	05.65	34.76	27.43		1478.6							
	085	00340	05.95	34.90	27.50		1480.5							
	STO	00375	05.84	34.89	27.51		1480.5							
	085	00400	06.01	34.96	27.54	00.350	1481.6							
	STO	00400	06.01	34.96	27.54		1481.6							
	085	00430	05.59	34.95	27.59		1480.4							
	STO	00460	05.55	34.94	27.58		1480.8							
	085	00500	04.99	34.91	27.63	00.408	1479.1							
	STO	00500	04.99	34.91	27.63		1479.1							
	085	00530	04.99	34.93	27.64		1479.6							
	STO	00570	04.56	34.89	27.66		1478.4							
	085	00600	04.65	34.92	27.67	00.455	1479.4							
	STO	00600	04.65	34.92	27.67		1479.4							
	085	00620	04.73	34.95	27.65		1480.1							
	STO	00650	04.64	34.94	27.69		1480.2							
	085	00700	04.57	34.94	27.70	00.508	1480.7							
	STO	00700	04.57	34.94	27.70		1480.7							
	085	00720	04.47	34.93	27.70		1480.6							
	STO	00770	04.67	34.97	27.71		1482.3							
	085	00800	04.53	34.96	27.72	00.556	1482.2							
	STO	00800	04.53	34.96	27.72		1482.2							
	085	00838	04.52	34.96	27.72		1482.8							
	STO	00845	04.40	34.95	27.72		1482.4							
	085	00862	04.45	34.96	27.73		1482.5							
	STO	00870	04.32	34.94	27.73		1482.5							
	085	00875	04.47	34.96	27.73		1483.2							
	STO	00900	04.47	34.96	27.73	00.603	1483.6							
	085	00900	04.47	34.96	27.73		1483.6							
	STO	01000	04.36	34.96	27.74	00.651	1484.5							
	085	01000	04.36	34.96	27.74		1484.9							
	STO	01100	04.21	34.94	27.74	00.698	1485.9							
	085	01100	04.21	34.94	27.74		1485.9							
	STO	01150	04.01	34.91	27.74		1485.8							
	085	01170	04.08	34.93	27.74		1486.5							
	STO	01200	03.98	34.92	27.75	00.746	1486.6							
	085	01230	03.58	34.92	27.75		1486.6							
	STO	01300	03.82	34.90	27.75	00.753	1487.5							
	085	01300	03.82	34.90	27.75		1487.5							
	STO	01400	03.74	34.89	27.75	00.841	1488.9							
	085	01400	03.74	34.89	27.75		1488.9							
	STO	01500	03.78	34.91	27.76	00.890	1490.7							
	085	01500	03.78	34.91	27.76		1490.7							

TABLE 1. USCGC CHASE, February, 1977.-Continued

MODE STATION DATA

REFID 31 8434	YEAR 1975	BDTOP 03603	AIR TEMP 09.8	OIR MGT PER	WIND-OIR 16	IN57 STO RECORDER	TEN SQ 1302
CONSEC 0007	MONTH 02	SHIP E1	WET BULB 10.8	18 3 3	WIND-SPO 35	TRACE OIA 0	5 SQUARE 2
LA 44 21 N	DAY 10	DATA USE 1	BAROMETER 1001.0	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 047 48 W	MOOR 13.0	AREA 05	CLCUO T/A	CL/TA	WEATHER R4	ORIG A3 06307	1 SQUARE 47

CSTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	OYNDPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
13.0	STO	00000	11.31	35.38	27.03	00.000	1455.6							
	OBS	00000	11.31	35.38	27.03		1455.6							
	STO	00010	11.31	35.38	27.03	00.010	1455.7							
	OBS	00010	11.31	35.38	27.03		1455.7							
	STO	00020	11.32	35.38	27.03	00.021	1455.9							
	OBS	00020	11.32	35.38	27.03		1455.9							
	STO	00030	11.32	35.38	27.03	00.031	1456.1							
	OBS	00030	11.32	35.38	27.03		1456.1							
	STO	00050	11.32	35.38	27.03	00.052	1456.4							
	OBS	00050	11.32	35.38	27.03		1456.4							
	STO	00075	11.32	35.38	27.03	00.079	1456.8							
	OBS	00075	11.32	35.38	27.03		1456.8							
	STO	00100	11.33	35.38	27.03	00.105	1457.3							
	OBS	00100	11.33	35.38	27.03		1457.3							
	STO	00125	11.33	35.38	27.03	00.132	1457.7							
	OBS	00125	11.33	35.36	27.03		1457.7							
	STO	00150	11.33	35.38	27.03	00.159	1458.1							
	OBS	00150	11.33	35.38	27.03		1458.1							
	STO	00200	11.34	35.38	27.03	00.213	1458.9							
	OBS	00200	11.34	35.36	27.03		1458.9							
	STO	00250	11.34	35.37	27.02	00.268	1459.7							
	OBS	00250	11.34	35.37	27.02		1459.7							
	STO	00280	11.34	35.37	27.02		1500.2							
	OBS	00280	11.34	35.37	27.02		1500.2							
	STO	00300	10.74	35.30	27.07	00.322	1458.4							
	OBS	00300	10.74	35.30	27.07		1458.4							
	STO	00400	08.17	35.04	27.30	00.418	1450.2							
	OBS	00400	08.17	35.04	27.30		1450.2							
	STO	00500	07.01	34.99	27.43	00.456	1487.3							
	OBS	00500	07.01	34.99	27.43		1487.3							
	STO	00600	06.22	34.98	27.53	00.568	1485.8							
	OBS	00600	06.22	34.98	27.53		1485.8							
	STO	00700	05.66	34.94	27.57		1484.6							
	OBS	00700	05.66	34.97	27.59	00.631	1485.2							
	STO	00700	05.66	34.97	27.59		1485.2							
	OBS	00720	05.68	34.98	27.60		1485.6							
	STO	00765	04.54	34.91	27.63		1483.3							
	OBS	00790	05.05	34.92	27.63		1484.2							
	STO	00800	05.00	34.95	27.66	00.687	1484.2							
	OBS	00800	05.00	34.95	27.66		1484.2							
	STO	00850	04.68	34.94	27.69		1483.7							
	OBS	00900	04.56	34.93	27.69	00.740	1484.0							
	STO	00900	04.36	34.93	27.69		1484.0							
	OBS	00935	04.58	34.94	27.70		1484.7							
	STO	00950	04.37	34.92	27.70		1484.0							
	OBS	00950	04.37	34.92	27.70		1484.0							
	STO	01000	04.26	34.91	27.71		1484.4							
	OBS	01000	04.26	34.91	27.71		1484.4							
	STO	01100	04.14	34.90	27.71	00.840	1485.5							
	OBS	01100	04.14	34.90	27.71		1485.5							
	STO	01160	04.19	34.92	27.72		1486.8							
	OBS	01200	04.26	34.95	27.74	00.890	1487.9							
	STO	01200	04.26	34.95	27.74		1487.9							
	OBS	01240	04.19	34.94	27.74		1488.1							
	STO	01270	04.25	34.95	27.74		1488.9							
	OBS	01300	04.23	34.95	27.74	00.935	1489.3							
	STO	01300	04.23	34.95	27.74		1489.3							
	OBS	01400	04.06	34.93	27.75	00.988	1490.3							
	STO	01400	04.08	34.93	27.75		1490.3							
	OBS	01500	04.01	34.93	27.75	01.038	1491.7							
	STO	01500	04.01	34.93	27.75		1491.7							

TABLE I. USCGC CHASE, February, 1977.—Continued

MOOC STATION DATA

REFID 31 0434	YEAR 1975	60TOP 03040	AIR TEMP 11.0	OIR MGT PER	WIND-DIA 17	INST STO RECORDER	TEN SO 130A
LOHSEC 0008	MONTH 02	SHIP E1	WET GULB 10.9	69 2 4	WIND-SPD 40	TAAEC OIR 0	5 SQUARE 2
LAT 44 20 N	DAY 10	DATA USE 1	BAROMETR 0993.6	SEA	WIND-FOR	DURATION	2 SQUARE 42
LONG 047 34 W	MOOR 16.0	AREA 05	CLOUD T/A	LL/T/A	WEATHER X2	DRIC A3 06308	1 SQUARE 47

CAS	NUM	TIME	LVL	TYPE	DEPTH	TEMP	SAL	SIGMA-T	GYM	DEPTH	SNO	VEL	DAY	PO4	TOT	P	MO2	MO3	SIO3	PH
				STO	00000	11.49	35.37	26.95	00.000		1456.2									
14.0				OBS	00000	11.49	35.37	26.99			1456.2									
				STO	00010	11.49	35.37	26.95	00.011		1456.3									
				OBS	00010	11.49	35.37	26.99			1456.3									
				STO	00020	11.49	35.37	26.59	00.022		1456.5									
				OBS	00020	11.49	35.37	26.99			1456.5									
				STO	00030	11.49	35.37	26.59	00.032		1456.7									
				OBS	00030	11.49	35.37	26.55			1456.7									
				STO	00050	11.49	35.37	26.59	00.054		1457.0									
				OBS	00050	11.49	35.37	26.95			1457.0									
				STO	00075	11.51	35.38	27.00	00.081		1457.5									
				OBS	00075	11.51	35.38	27.00			1457.5									
				STO	00100	11.50	35.38	27.00	00.105		1457.9									
				OBS	00100	11.50	35.38	27.00			1457.9									
				STO	00125	11.50	35.38	27.00	00.136		1458.3									
				OBS	00125	11.50	35.38	27.00			1458.3									
				STO	00150	11.51	35.39	27.00	00.164		1458.7									
				OBS	00150	11.51	35.39	27.00			1458.7									
				STO	00200	11.52	35.39	27.00	00.215		1459.6									
				OBS	00200	11.52	35.39	27.00			1459.6									
				STO	00210	11.55	35.41	27.01			1459.5									
				OBS	00210	11.55	35.41	27.01			1459.5									
				STO	00250	11.54	35.41	27.01	00.275		1500.5									
				OBS	00250	11.54	35.41	27.01			1500.5									
				STO	00270	11.44	35.39	27.02			1500.4									
				OBS	00280	11.08	35.34	27.04			1495.3									
				STO	00300	10.43	35.31	27.14	00.328		1457.3									
				OBS	00300	10.43	35.31	27.14			1497.3									
				STO	00320	10.38	35.29	27.13			1457.4									
				OBS	00320	10.38	35.29	27.13	00.424		1452.8									
				STO	00400	08.83	35.10	27.24			1452.8									
				OBS	00400	08.83	35.10	27.24			1452.8									
				STO	00420	08.26	35.07	27.31			1450.9									
				OBS	00420	08.26	35.07	27.31			1450.9									
				STO	00460	07.96	35.07	27.35			1450.4									
				OBS	00460	07.96	35.07	27.35	00.507		1488.7									
				STO	00500	07.35	35.05	27.43			1488.7									
				OBS	00500	07.35	35.05	27.43			1488.7									
				STO	00520	07.04	35.04	27.47			1487.6									
				OBS	00520	07.04	35.04	27.47			1487.6									
				STO	00560	06.86	35.05	27.50			1487.6									
				OBS	00560	06.86	35.05	27.50			1487.6									
				STO	00600	06.07	35.01	27.57	00.575		1485.3									
				OBS	00600	06.07	35.01	27.57			1485.3									
				STO	00622	05.52	34.98	27.57			1485.0									
				OBS	00622	05.52	34.98	27.57			1485.0									
				STO	00665	05.56	35.05	27.62			1485.5									
				OBS	00665	05.56	35.05	27.62			1485.5									
				STO	00700	05.19	34.96	27.64	00.633		1483.3									
				OBS	00700	05.19	34.96	27.64			1483.3									
				STO	00730	04.55	34.54	27.65			1482.8									
				OBS	00730	04.55	34.54	27.65			1482.8									
				STO	00760	05.47	35.02	27.66			1485.5									
				OBS	00760	05.47	35.02	27.66			1485.5									
				STO	00780	04.78	34.97	27.70			1482.9									
				OBS	00780	04.78	34.97	27.70			1482.9									
				STO	00800	04.74	34.57	27.70	00.684		1483.1									
				OBS	00800	04.74	34.57	27.70			1483.1									
				STO	00830	04.60	35.00	27.72			1483.9									
				OBS	00830	04.60	35.00	27.72			1483.9									
				STO	00900	04.69	35.01	27.74	00.732		1484.6									
				OBS	00900	04.69	35.01	27.74			1484.6									
				STO	00945	04.85	35.06	27.76			1486.1									
				OBS	00945	04.85	35.06	27.76			1486.1									
				STO	01000	04.69	35.05	27.77	00.778		1486.3									
				OBS	01000	04.69	35.05	27.77			1486.3									

TABLE I. USCGC CHASE, February, 1977.—Continued

MOOC STATION DATA

ABF10 31 0434	YEAR 1975	BOTOP 04023	AIR TEMP 10.2	OIR MGT PER	WIND-OIR 17	INST STD RECORDER	TEN SG 1304
CONSEC 0005	MONTH 02	SHIP E1	WET BULB 05.3	21 5 5	WIND-SPO 25	TRACE OIR 0	5 SQUARE 2
LAT 44 13 N	DAY 10	DATA USE 1	BAROMETR 0590.9	524	WIND-FOR	DURATION	2 SQUARE 46
LONG 047 11 W	MOON 15.6	AREA 05	CLCUD 7/4	CL/TR	WEATHEA X1	DATE A3 06309	1 SQUARE 47

CAS7NUM/TIME	LVL7YP	DEPTH	TEMP	SAL	SIGMA-T	SYNDPTH	SND VEL	OAYG	PO4	TGT p	MO2	MO3	S103	PH
	\$70	00000	10.46	35.17	27.02	00.000	1497.3							
19.4	085	00000	10.46	35.17	27.02		1492.3							
	\$70	00010	10.48	35.19	27.04	00.010	1492.5							
	085	00010	10.48	35.19	27.04		1492.5							
	\$70	00020	10.49	35.19	27.03	00.021	1492.7							
	085	00020	10.49	35.19	27.03		1492.7							
	\$70	00030	10.50	35.19	27.03	00.031	1492.9							
	085	00030	10.50	35.19	27.03		1492.9							
	\$70	00050	10.51	35.19	27.03	00.052	1493.3							
	085	00050	10.51	35.19	27.03		1493.3							
	\$70	00075	10.49	35.19	27.03	00.078	1493.6							
	085	00075	10.49	35.19	27.03		1493.6							
	\$70	00100	10.50	35.19	27.03	00.105	1494.1							
	085	00100	10.50	35.19	27.03		1494.1							
	\$70	00125	10.44	35.17	27.03	00.131	1494.2							
	085	00125	10.44	35.17	27.03		1494.2							
	\$70	00150	10.46	35.15	27.04	00.158	1494.8							
	085	00150	10.46	35.15	27.04		1494.8							
	\$70	00200	10.53	35.22	27.05	00.211	1495.9							
	085	00200	10.53	35.22	27.05		1495.9							
	\$70	00225	10.35	35.26	27.11	00.262	1494.1							
	085	00225	10.35	35.26	27.11		1494.1							
	\$70	00250	09.81	35.20	27.16	00.309	1490.4							
	085	00250	09.81	35.20	27.16		1490.4							
	\$70	00300	08.65	35.07	27.25		1490.4							
	085	00300	08.65	35.07	27.25		1490.4							
	\$70	00355	06.56	34.84	27.32		1484.5							
	085	00355	06.56	34.84	27.32		1484.5							
	\$70	00365	07.17	34.50	27.34		1485.6							
	085	00365	07.17	34.50	27.34		1485.6							
	\$70	00400	05.13	34.65	27.40	00.390	1477.4							
	085	00400	05.13	34.65	27.40		1477.4							
	\$70	00410	05.61	34.73	27.41		1479.7							
	085	00410	05.61	34.73	27.41		1479.7							
	\$70	00440	04.89	34.66	27.44		1476.9							
	085	00440	04.89	34.66	27.44		1476.9							
	\$70	00450	05.15	34.73	27.47		1478.5							
	085	00450	05.15	34.73	27.47		1478.5							
	\$70	00500	04.41	34.76	27.57	00.455	1476.5							
	085	00500	04.41	34.76	27.57		1476.5							
	\$70	00510	04.57	34.88	27.60		1479.1							
	085	00510	04.57	34.88	27.60		1479.1							
	\$70	00560	04.71	34.85	27.61		1478.8							
	085	00560	04.71	34.85	27.61		1478.8							
	\$70	00570	05.15	34.55	27.64	00.510	1481.0							
	085	00570	05.15	34.55	27.64		1481.0							
	\$70	00600	04.96	34.95	27.66		1480.8							
	085	00600	04.96	34.95	27.66		1480.8							
	\$70	00700	04.90	34.96	27.68	00.561	1482.1							
	085	00700	04.90	34.96	27.68		1482.1							
	\$70	00750	04.73	34.96	27.70		1482.2							
	085	00750	04.73	34.96	27.70		1482.2							
	\$70	00800	04.90	35.00	27.71		1483.5							
	085	00800	04.90	35.00	27.71		1483.5							
	\$70	00800	04.86	34.99	27.70	00.611	1483.6							
	085	00800	04.86	34.99	27.70		1483.6							
	\$70	00840	04.77	34.99	27.72		1483.5							
	085	00840	04.77	34.99	27.72		1483.5							
	\$70	00860	04.53	34.96	27.72		1483.2							
	085	00860	04.53	34.96	27.72		1483.2							
	\$70	00900	04.48	34.94	27.71	00.660	1483.7							
	085	00900	04.48	34.94	27.71		1483.7							
	\$70	01000	04.12	34.50	27.72	00.705	1483.8							
	085	01000	04.12	34.50	27.72		1483.8							
	\$70	01100	04.01	34.90	27.73	00.758	1485.0							
	085	01100	04.01	34.90	27.73		1485.0							
	\$70	01200	03.98	34.51	27.74	00.806	1486.5							
	085	01200	03.98	34.51	27.74		1486.5							
	\$70	01220	03.95	34.50	27.73		1486.7							
	085	01220	03.95	34.50	27.73		1486.7							
	\$70	01230	03.85	34.85	27.74	00.854	1486.5							
	085	01230	03.85	34.85	27.74		1486.5							
	\$70	01300	03.84	34.89	27.74		1487.6							
	085	01300	03.84	34.89	27.74		1487.6							
	\$70	01320	03.90	34.90	27.74		1488.2							
	085	01320	03.90	34.90	27.74		1488.2							
	\$70	01390	03.80	34.89	27.74	00.903	1489.0							
	085	01390	03.80	34.89	27.74		1489.0							
	\$70	01400	03.84	34.90	27.74		1485.3							
	085	01400	03.84	34.90	27.74		1485.3							
	\$70	01410	03.89	34.91	27.75		1485.7							
	085	01410	03.89	34.91	27.75		1485.7							
	\$70	01500	03.77	34.90	27.75	00.952	1490.7							
	085	01500	03.77	34.90	27.75		1490.7							

TABLE I. USCGC CHASE, February, 1977.— Continued

N D O C S T A T I O N D A T A														
REFID 31 8434	YEAR 1975	BOTOP 04206	AIR TEMP 04.5	DIR HGT PER	WIND-DIR 25	INST STD RECORDER	TEN SQ 1306							
CONSEC 0010	MONTH 02	SHIP E1	WET BULB 01.5	31 2 5	WIND-SPD 40	TRACE DIA 0	5 SQUARE 2							
LAT 44 07 N	DAY 10	DATA USE 1	BAROMETER 0998.6	SEA	WIND-FOR	DURATION	2 SQUARE 46							
LONG 046 30.5 W	MOOR 23.4	AREA 05	CLOUD T/A	CL/TA	WEATHER XS	DRIF A3 06310	1 SQUARE 46							
CASTNUM/TIME	LVLTY	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	DAYG	PO4	TOT P	MO2	MO3	S103	PH
23.4	STD	00000	02.72	33.49	26.73	00.000	1459.3							
	DBS	00000	02.72	33.49	26.73		1459.3							
	STD	00010	02.73	33.45	26.73	00.013	1459.6							
	DBS	00010	02.73	33.49	26.73		1459.6							
	STD	00020	02.74	33.45	26.73	00.027	1459.8							
	DBS	00020	02.74	33.49	26.73		1459.8							
	STD	00030	02.75	33.49	26.73	00.040	1460.0							
	DBS	00030	02.75	33.49	26.73		1460.0							
	STD	00050	02.76	33.50	26.73	00.066	1460.4							
	DBS	00050	02.76	33.50	26.73		1460.4							
	STD	00075	06.18	34.34	27.03	00.096	1476.2							
	DBS	00075	06.18	34.34	27.03		1476.2							
	DBS	00085	05.95	34.39	27.10		1475.5							
	DBS	00090	06.13	34.47	27.14		1476.4							
	STD	00100	06.13	34.49	27.15	00.121	1476.6							
	DBS	00100	06.13	34.49	27.15		1476.6							
	STD	00125	06.63	34.58	27.16	00.144	1479.1							
	DBS	00125	06.63	34.58	27.16		1475.1							
	DBS	00138	06.12	34.62	27.26		1477.3							
	STD	00150	06.25	34.67	27.28	00.166	1478.1							
	DBS	00150	06.25	34.67	27.28		1476.1							
	DBS	00165	06.35	34.72	27.31		1478.8							
	DBS	00184	06.13	34.66	27.25		1478.2							
	STD	00200	04.45	34.50	27.36	00.205	1471.4							
	DBS	00200	04.45	34.50	27.36		1471.4							
	DBS	00208	04.13	34.47	27.37		1470.1							
	DBS	00223	05.79	34.76	27.41		1477.6							
	DBS	00235	05.05	34.67	27.42		1474.9							
	STD	00250	05.82	34.84	27.47	00.240	1478.3							
	DBS	00250	05.82	34.84	27.47		1478.3							
	DBS	00280	05.24	34.78	27.49		1476.3							
	STD	00300	04.39	34.68	27.51	00.272	1473.0							
	DBS	00300	04.39	34.68	27.51		1473.0							
	DBS	00318	03.36	34.64	27.59		1468.9							
	DBS	00348	05.73	34.56	27.58		1475.7							
	DBS	00380	05.05	34.91	27.62		1477.4							
	DBS	00389	05.21	34.56	27.64		1478.2							
	STD	00400	05.08	34.54	27.64	00.328	1477.8							
	DBS	00400	05.08	34.54	27.64		1477.8							
	DBS	00442	04.81	34.92	27.66		1477.4							
	DBS	00455	04.89	34.94	27.66		1478.0							
	DBS	00482	04.75	34.95	27.65		1477.9							
	STD	00500	04.79	34.55	27.68	00.378	1478.3							
	DBS	00500	04.79	34.95	27.68		1478.3							
	STD	00600	04.44	34.54	27.71	00.424	1478.5							
	DBS	00600	04.44	34.94	27.71		1478.5							
	DBS	00640	04.30	34.93	27.72		1476.6							
	STD	00700	04.25	34.54	27.73	00.470	1475.5							
	DBS	00700	04.29	34.54	27.73		1475.5							
	STD	00800	04.17	34.53	27.73	00.515	1480.7							
	DBS	00800	04.17	34.53	27.73		1480.7							
	DBS	00825	03.95	34.52	27.75		1480.2							
	DBS	00862	04.02	34.93	27.75		1481.1							

TABLE 1. USCGC CHASE, February, 1977.—Continued

MODE STATION DATA														
REF ID 31 8434	YEAR 1975	80TOP 04206	AIR TEMP 01.7	OIR FGT PER	WIND-OIR 26	INST STO RECORDER	TEN SG 1306							
CONSEC 0011	MONTH 02	SHIP E1	WET BULB 01.1	30 9 5	WIND-SPD 30	TRACE OIR 0	5 SQUARE 2							
LA° 43 58 N	DAY 11	CATA USE 1	BAROMETER 1004.4	SEA	WIND-FOR	DURATION	2 SQUARE 24							
LONG 045 48 W	HOOR 03.1	AREA 05	CLCUD T/A	CL/TR	WEATHER 12	ORIG A3 06311	1 SQUARE 35							
CAS/NUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYN/PTH	SNO VEL	OXYG	PD4	TOT P	MO2	MO3	SIO3	PH
03.1	STD	00000	06.27	34.32	27.00	00.000	1475.3							
	085	00030	06.27	34.32	27.00		1475.3							
	STD	00010	06.28	34.32	27.00	00.011	1475.5							
	085	00010	06.28	34.32	27.00		1475.5							
	STD	00020	06.30	34.33	27.01	00.021	1475.7							
	085	00020	06.30	34.33	27.01		1475.7							
	STD	00030	06.32	34.33	27.00	00.032	1476.0							
	085	00030	06.32	34.33	27.00		1476.0							
	STD	00050	06.30	34.33	27.01	00.053	1476.2							
	085	00050	06.30	34.33	27.01		1476.2							
	STD	00060	06.60	34.41	27.03		1477.7							
	085	00060	06.60	34.41	27.03		1477.7							
	STD	00075	07.87	34.59	26.99	00.080	1483.1							
	085	00075	07.87	34.59	26.99		1483.1							
	STD	00094	05.30	35.04	27.12		1489.4							
	085	00100	05.24	35.05	27.14	00.106	1489.3							
	STD	00100	09.24	35.05	27.14		1485.3							
	085	00125	08.90	35.06	27.19	00.129	1488.7							
	STD	00125	08.56	35.06	27.19		1488.7							
	085	00135	09.18	35.14	27.22		1489.8							
	STD	00150	08.58	35.05	27.24	00.151	1487.7							
	085	00150	08.58	35.05	27.24		1487.7							
	STD	00158	08.34	35.04	27.27		1486.5							
	085	00165	08.61	35.09	27.27		1488.1							
	STD	00200	07.13	34.84	27.30	00.154	1482.6							
	085	00200	07.13	34.84	27.30		1482.6							
	STD	00230	06.21	34.77	27.36		1479.4							
	085	00250	06.56	34.90	27.42	00.232	1481.3							
	STD	00250	06.56	34.90	27.42		1481.3							
	085	00258	06.29	34.85	27.42		1480.3							
	STD	00268	06.47	34.93	27.46		1481.3							
	085	00300	05.50	34.80	27.48	00.266	1477.7							
	STD	00300	05.50	34.80	27.48		1477.7							
	085	00318	05.52	34.82	27.49		1478.1							
	STD	00340	06.84	35.09	27.53		1484.1							
	085	00400	06.32	35.06	27.58	00.327	1483.0							
	STD	00400	06.32	35.06	27.58		1483.0							
	085	00450	06.01	35.07	27.63		1482.6							
	STD	00500	05.38	35.02	27.67	00.381	1480.8							
	085	00500	05.36	35.02	27.67		1480.8							
	STD	00560	03.88	34.85	27.70		1475.7							
	085	00560	03.88	34.85	27.70		1475.7							
	STD	00600	03.78	34.84	27.70	00.425	1475.6							
	085	00600	03.78	34.84	27.70		1475.6							
	STD	00625	03.66	34.86	27.73		1475.5							
	085	00658	04.11	34.93	27.74		1478.1							
	STD	00700	03.81	34.89	27.74	00.473	1477.5							
	085	00703	03.81	34.85	27.74		1477.5							
	STD	00800	03.81	34.91	27.76	00.516	1479.2							
	085	00800	03.81	34.91	27.76		1479.2							
	STD	00800	03.96	34.95	27.77		1480.6							
	085	00800	03.96	34.95	27.77		1480.6							
	STD	00900	03.52	34.53	27.76	00.559	1481.3							
	085	00900	03.62	34.53	27.76		1481.3							
	STD	00950	03.84	34.92	27.76		1481.2							
	085	00950	04.02	34.55	27.77		1482.6							
	STD	01000	04.02	34.56	27.77	00.602	1483.4							
	085	01000	04.02	34.96	27.77		1483.4							
	STD	01100	03.58	34.96	27.78	00.645	1484.9							
	085	01100	03.98	34.56	27.78		1484.9							
	STD	01200	03.90	34.96	27.79	00.689	1486.3							
	085	01200	03.90	34.56	27.79		1486.3							
	STD	01300	03.74	34.94	27.79	00.732	1487.3							
	085	01303	03.74	34.94	27.79		1487.3							
	STD	01400	03.67	34.93	27.79	00.776	1488.6							
	085	01400	03.67	34.93	27.79		1488.6							
	STD	01500	03.73	34.95	27.80	00.821	1490.6							
	085	01500	03.73	34.55	27.80		1490.6							

TABLE 1. USCGC CHASE, February, 1977.- Continued

MOOC STATION DATA

REFID 31 0434	YEAR 1975	BOTOP 04572	AIR TEMP 01.1	OIR HGT PER	WIND-OIR 26	INST STO RECORDER	TEN SO 1306
CONSEC 0012	MONTH 02	SHIP E1	MET BULB 01.1	28 9 4	WIND-SPO 40	TRACE OIR	5 SQUARE 2
LAT 43 53.7N	DAY 11	DATA USE 1	BAROMETR 1006.8	SEA	WIND-FOR	DURATION	2 SQUARE 24
LONG 045 12 W	HOUR 07.3	AREA 05	CLCUO T/A	CL/TA	WEATHER AT	ORIG A3 06312	1 SQUARE 35

CASTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	OAYC	P04	TOT P	MO2	MO3	SIO3	PM
07.3	STO	00000	12.52	35.49	26.89	00.000	1499.9							
	OBS	00000	12.52	35.49	26.89		1499.9							
	STO	00010	12.50	35.49	26.89	00.012	1500.0							
	OBS	00010	12.50	35.49	26.89		1500.0							
	STO	00020	12.49	35.48	26.88	00.024	1500.1							
	OBS	00020	12.49	35.48	26.88		1500.1							
	STO	00030	12.39	35.46	26.89	00.035	1499.9							
	OBS	00030	12.39	35.46	26.89		1499.9							
	STO	00050	12.47	35.50	26.90	00.059	1500.5							
	OBS	00050	12.47	35.50	26.90		1500.5							
	STO	00075	12.80	35.57	26.89	00.086	1502.1							
	OBS	00075	12.80	35.57	26.89		1502.1							
	STO	00100	12.81	35.58	26.90	00.118	1502.6							
	OBS	00100	12.81	35.58	26.90		1502.6							
	STO	00125	13.00	35.64	26.91	00.148	1503.7							
	OBS	00125	13.00	35.64	26.91		1503.7							
	STO	00150	13.13	35.67	26.90	00.178	1504.6							
	OBS	00150	13.13	35.67	26.90		1504.6							
	STO	00200	13.31	35.72	26.90	00.238	1506.1							
	OBS	00200	13.31	35.72	26.90		1506.1							
	STO	00240	13.58	35.81	26.92		1507.7							
	OBS	00240	13.58	35.81	26.92		1507.7							
	STO	00250	13.38	35.79	26.94	00.298	1507.2							
	OBS	00250	13.38	35.79	26.94		1507.2							
	STO	00300	10.39	35.31	27.14	00.353	1497.1							
	OBS	00300	10.39	35.31	27.14		1497.1							
	STO	00348	09.47	35.17	27.19		1494.4							
	OBS	00348	09.47	35.17	27.19		1494.4							
	STO	00355	09.62	35.27	27.25		1495.2							
	OBS	00355	09.62	35.27	27.25		1495.2							
	STO	00360	09.49	35.24	27.24		1494.7							
	OBS	00360	09.49	35.24	27.24		1494.7							
	STO	00400	08.58	35.21	27.31	00.446	1493.5							
	OBS	00400	08.58	35.21	27.31		1493.5							
	STO	00500	07.34	35.13	27.49	00.523	1488.8							
	OBS	00500	07.34	35.13	27.49		1488.8							
	STO	00600	06.28	35.12	27.63	00.585	1486.2							
	OBS	00600	06.28	35.12	27.63		1486.2							
	STO	00700	05.58	35.08	27.69	00.638	1485.0							
	OBS	00700	05.58	35.08	27.69		1485.0							
	STO	00800	04.88	35.02	27.73	00.687	1483.8							
	OBS	00800	04.88	35.02	27.73		1483.8							
	STO	00822	04.55	35.05	27.74		1484.5							
	OBS	00822	04.55	35.05	27.74		1484.5							
	STO	00845	04.73	35.02	27.74		1483.9							
	OBS	00845	04.73	35.02	27.74		1483.9							
	STO	00900	04.46	35.02	27.77	00.733	1483.7							
	OBS	00900	04.46	35.02	27.77		1483.7							
	STO	01000	04.15	34.95	27.75	00.777	1484.0							
	OBS	01000	04.15	34.95	27.75		1484.0							
	STO	01100	03.56	34.92	27.75	00.823	1484.8							
	OBS	01100	03.56	34.92	27.75		1484.8							
	STO	01200	03.86	34.91	27.75	00.869	1486.0							
	OBS	01200	03.86	34.91	27.75		1486.0							
	STO	01300	03.81	34.91	27.76	00.916	1487.5							
	OBS	01300	03.81	34.91	27.76		1487.5							
	STO	01400	03.78	34.91	27.76	00.963	1489.1							
	OBS	01400	03.78	34.91	27.76		1489.1							
	STO	01500	03.77	34.92	27.77	01.010	1490.7							
	OBS	01500	03.77	34.92	27.77		1490.7							

TABLE I. USCGC CHASE, February, 1977.—Continued

MOOC STATION DATA

REFID 31 8435	YEAR 1975	BOTOP 00139	AIR TEMP -04.0	DIA HGT PER	WIND-DIR 25	INST STO RECORDEA	TEN SQ 1306
CONSEC 0001	MONTH 02	SHIP E1	WET BULB -04.9	02 2 3	WIND-SPD 15	TRACE OIA 0	5 SQUARE 4
LAT 44 57.2M	DAY 12	DATA USE 1	BAROMETR 1007.8	SEA	WIND-FOR	DURATION	2 SQUARE 68
LONG 042 00 W	MOUR 08.0	AREA 05	CLOUD T/A	CL/TR	WEATHER AB	ORIG A2 06001	1 SQUARE 68

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYMDPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SI03	PH
	STO	00000	- 1.33	33.29	26.80	00.000	1440.7							
08.0	DBS	00000	- 1.33	33.29	26.80		1440.7							
	STO	00010	- 1.33	33.29	26.80	00.013	1440.9							
	DBS	00010	- 1.33	33.29	26.80		1440.9							
	STO	00020	- 1.33	33.29	26.80	00.025	1441.1							
	DBS	00020	- 1.33	33.29	26.80		1441.1							
	STO	00030	- 1.33	33.29	26.80	00.038	1441.2							
	DBS	00030	- 1.33	33.29	26.80		1441.2							
	STO	00050	- 1.32	33.29	26.80	00.063	1441.4							
	DBS	00050	- 1.32	33.29	26.80		1441.4							
	STO	00075	- 1.26	33.31	26.81	00.094	1442.3							
	DBS	00075	- 1.26	33.31	26.81		1442.3							
	STO	00100	- 0.21	33.55	27.00	00.123	1448.0							
	DBS	00100	- 0.21	33.55	27.00		1448.0							
	STO	00125	00.96	34.22	27.44	00.144	1454.6							
	DBS	00125	00.96	34.22	27.44		1454.6							

REFID 31 8435	YEAR 1975	BOTOP 00170	AIR TEMP -02.0	DIA HGT PER	WIND-DIR 25	INST STO RECORDEA	TEN SQ 1306
CONSEC 0002	MONTH 02	SHIP E1	WET BULB -04.5	26 3 3	WIND-SPD 10	TRACE OIA 0	5 SQUARE 4
LAT 44 59 M	DAY 12	DATA USE 1	BAROMETR 1008.8	SEA	WIND-FOR	DURATION	2 SQUARE 66
LONG 047 41 W	MOUR 09.2	AREA 05	CLOUD T/A	CL/TR	WEATHER AB	ORIG A2 06002	1 SQUARE 67

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYMDPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SI03	PH
	STO	00000	- 1.33	33.28	26.79	00.000	1440.7							
09.2	DBS	00000	- 1.33	33.28	26.79		1440.7							
	STO	00010	- 1.33	33.28	26.79	00.013	1440.9							
	DBS	00010	- 1.33	33.28	26.79		1440.9							
	STO	00020	- 1.28	33.32	26.82	00.025	1441.3							
	DBS	00020	- 1.28	33.32	26.82		1441.3							
	STO	00030	- 1.17	33.36	26.85	00.037	1442.1							
	DBS	00030	- 1.17	33.36	26.85		1442.1							
	STO	00050	- 1.02	33.40	26.88	00.061	1443.2							
	DBS	00050	- 1.02	33.40	26.88		1443.2							
	STO	00075	- 0.89	33.46	26.92	00.090	1444.3							
	DBS	00075	- 0.89	33.46	26.92		1444.3							
	STO	00100	- 0.57	33.58	26.99	00.118	1446.3							
	DBS	00100	- 0.57	33.58	26.99		1446.3							
	STO	00110	- 0.16	33.75	27.13		1448.6							

REFID 31 8435	YEAR 1975	BOTOP 00219	AIR TEMP -02.0	DIA HGT PER	WIND-DIR 31	INST STO RECORDEA	TEN SQ 1306
CONSEC 0003	MONTH 02	SHIP E1	WET BULB -04.5	08 3 5	WIND-SPD 07	TRACE OIA 0	5 SQUARE 4
LAT 47 00 M	DAY 12	DATA USE 1	BAROMETR 1004.7	SEA	WIND-FOR	DURATION	2 SQUARE 64
LONG 047 30 W	MOUR 10.5	AREA 05	CLOUD T/A	CL/TR	WEATHER AB	ORIG A2 06003	1 SQUARE 77

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYMDPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SI03	PH
	STO	00000	- 1.13	33.41	26.85	00.000	1441.8							
10.5	DBS	00000	- 1.13	33.41	26.85		1441.8							
	STO	00010	- 1.13	33.41	26.89	00.012	1442.0							
	DBS	00010	- 1.13	33.41	26.89		1442.0							
	STO	00020	- 1.13	33.41	26.85	00.023	1442.2							
	DBS	00020	- 1.13	33.41	26.85		1442.2							
	STO	00030	- 1.13	33.41	26.85	00.035	1442.3							
	DBS	00030	- 1.13	33.41	26.89		1442.3							
	STO	00050	- 1.13	33.41	26.89	00.058	1442.7							
	DBS	00050	- 1.13	33.41	26.89		1442.7							
	STO	00075	- 1.06	33.46	26.93	00.087	1443.5							
	DBS	00075	- 1.06	33.46	26.93		1443.5							
	STO	00100	- 0.89	33.52	26.97	00.115	1444.8							
	DBS	00100	- 0.89	33.52	26.97		1444.8							
	STO	00109	- 0.58	33.63	27.05		1446.5							
	DBS	00109	- 0.58	33.63	27.05		1446.5							
	STO	00125	- 0.50	33.65	27.06	00.141	1447.2							
	DBS	00125	- 0.50	33.65	27.06		1447.2							
	STO	00150	- 0.05	33.78	27.15	00.165	1449.8							
	DBS	00150	- 0.05	33.78	27.15		1449.8							
	STO	00162	00.72	33.95	27.27		1453.8							
	DBS	00178	00.99	34.12	27.36		1455.5							
	STO	00190	01.01	34.11	27.35		1455.8							

TABLE 1. USCGC CHASE, February, 1977. Continued

MOOC STATION DATA

REFID 31 0435 YEAR 1975 BOTOP 00823 AIR TEMP -01.0 DIA MGT PER WIND-DIA 35 INST STO RECORDER TEN SO 1306
 COMSEC 0004 MONTH 02 SHIP E1 WET BULB -02.4 WIND-SPO 05 TRACE DIR C 5 SQUARE 4
 LAT 48 56.54 DAY 12 DATA USE 1 BAROMETR 1003.0 SEA WIND-FDR DURATION 2 SQUARE 66
 LONG 047 15 W HOUR 11.9 AREA 05 CLOUD T/A CL/TB WEATHER X7 ORIG A2 06004 1 SQUARE 67

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
11.9	STO	00000	00.29	33.97	27.28	00.000	1449.2							
	085	00000	00.29	33.97	27.28		1449.2							
	STO	00010	00.33	33.99	27.30	00.008	1449.6							
	085	00010	00.33	33.99	27.30		1449.6							
	STO	00020	00.43	34.02	27.31	00.016	1450.2							
	085	00020	00.43	34.02	27.31		1450.2							
	STO	00030	00.53	34.04	27.32	00.023	1450.9							
	085	00030	00.53	34.04	27.32		1450.9							
	STO	00050	00.58	34.05	27.33	00.039	1451.4							
	085	00050	00.58	34.05	27.33		1451.4							
	STO	00075	00.60	34.06	27.34	00.057	1452.0							
	085	00075	00.60	34.06	27.34		1452.0							
	STO	00100	00.64	34.07	27.34	00.076	1452.6							
	085	00100	00.64	34.07	27.34		1452.6							
	STO	00125	01.21	34.25	27.45	00.093	1455.8							
	085	00125	01.21	34.25	27.45		1455.8							
	STO	00140	01.54	34.31	27.48		1457.6							
	085	00140	01.54	34.31	27.48		1457.6							
	STO	00150	01.42	34.30	27.48	00.109	1457.2							
	085	00150	01.42	34.30	27.48		1457.2							
	STO	00155	01.31	34.29	27.48		1456.8							
	085	00155	01.31	34.29	27.48		1456.8							
	STO	00200	01.33	34.31	27.49	00.140	1457.6							
	085	00200	01.33	34.31	27.49		1457.6							
	STO	00250	02.91	34.60	27.60	00.168	1465.8							
	085	00250	02.91	34.60	27.60		1465.8							
	STO	00300	03.11	34.66	27.63	00.193	1467.6							
	085	00300	03.11	34.66	27.63		1467.6							
	STO	00400	03.54	34.80	27.70	00.240	1471.2							
	085	00400	03.54	34.80	27.70		1471.2							
	STO	00500	03.53	34.84	27.73	00.283	1472.9							
	085	00500	03.53	34.84	27.73		1472.9							
	STO	00600	03.52	34.86	27.75	00.325	1474.5							
	085	00600	03.52	34.86	27.75		1474.5							
	STO	00700	03.49	34.86	27.75	00.366	1476.1							
	085	00700	03.49	34.86	27.75		1476.1							
	STO	00780	03.42	34.87	27.76		1477.1							
	085	00780	03.42	34.87	27.76		1477.1							

REFID 31 0435 YEAR 1975 BOTOP 01225 AIR TEMP -01.9 DIA MGT PER WIND-DIA 35 INST STO RECORDER TEN SO 1306
 COMSEC 0005 MONTH 02 SHIP E1 WET BULB -02.6 WIND-SPO 05 TRACE DIR 0 5 SQUARE 4
 LAT 47 00 N DAY 12 DATA USE 1 BAROMETR 1002.0 SEA WIND-FDR DURATION 2 SQUARE 66
 LONG 047 02 W HOUR 13.3 AREA 05 CLOUD T/A CL/TB WEATHER X7 ORIG A2 06005 1 SQUARE 77

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
13.3	STO	00000	01.61	34.31	27.47	00.000	1455.6							
	085	00000	01.61	34.31	27.47		1455.6							
	STO	00010	01.61	34.31	27.47	00.006	1455.8							
	085	00010	01.61	34.31	27.47		1455.8							
	STO	00020	01.61	34.31	27.47	00.012	1455.9							
	085	00020	01.61	34.31	27.47		1455.9							
	STO	00030	01.63	34.32	27.48	00.019	1456.2							
	085	00030	01.63	34.32	27.48		1456.2							
	STO	00050	01.67	34.33	27.48	00.031	1456.7							
	085	00050	01.67	34.33	27.48		1456.7							
	STO	00075	01.69	34.34	27.49	00.046	1457.2							
	085	00075	01.69	34.34	27.49		1457.2							
	STO	00100	01.73	34.35	27.49	00.061	1457.8							
	085	00100	01.73	34.35	27.49		1457.8							
	STO	00115	01.79	34.36	27.50		1456.4							
	085	00115	01.79	34.36	27.50		1456.4							
	STO	00125	02.64	34.65	27.64	00.075	1463.5							
	085	00125	02.64	34.65	27.64		1463.5							
	STO	00150	03.40	34.76	27.68	00.086	1466.5							
	085	00150	03.40	34.76	27.68		1466.5							
	STO	00200	03.50	34.80	27.70	00.107	1467.8							
	085	00200	03.50	34.80	27.70		1467.8							
	STO	00250	03.50	34.84	27.73	00.128	1468.6							
	085	00250	03.50	34.84	27.73		1468.6							
	STO	00300	03.50	34.85	27.74	00.148	1469.5							
	085	00300	03.50	34.85	27.74		1469.5							
	STO	00400	03.45	34.86	27.75	00.187	1470.9							
	085	00400	03.45	34.86	27.75		1470.9							
	STO	00500	03.38	34.86	27.76	00.225	1472.3							
	085	00500	03.38	34.86	27.76		1472.3							
	STO	00600	03.36	34.86	27.76	00.265	1473.9							
	085	00600	03.36	34.86	27.76		1473.9							
	STO	00700	03.37	34.86	27.76	00.305	1475.6							
	085	00700	03.37	34.86	27.76		1475.6							
	STO	00800	03.34	34.86	27.76	00.345	1477.1							
	085	00800	03.34	34.86	27.76		1477.1							
	STO	00900	03.35	34.86	27.76	00.387	1478.8							
	085	00900	03.35	34.86	27.76		1478.8							
	STO	01000	03.34	34.86	27.76	00.429	1480.4							
	085	01000	03.34	34.86	27.76		1480.4							
	STO	01100	03.34	34.86	27.76	00.472	1482.1							
	085	01100	03.34	34.86	27.76		1482.1							
	STO	01150	03.35	34.86	27.76		1483.0							
	085	01150	03.35	34.86	27.76		1483.0							

TABLE 1. USCGC CHASE, February, 1977.—Continued

MOOC STATION DATA

REFID 31 8435	YEAR 1975	BOTOP 01061	AIA TEMP 01.1	OIR HGT PER	WIND-DIR 33	INST STO RECORDER	TEN SO 1306
CONSEC 0001	MONTH 02	SHIP E1	WET BULB -00.8	24 2 3	WIND-SPD 15	TRACE OIR	5 SQUARE 4
LAT 47 03 N	DAY 12	DATA USE 1	SEA 4	SEA	WIND-FOA	DURATION	2 SQUARE 88
LONG 046 50 W	MOOR 14.9	AREA 05	CLOUD 1/4	CL/TA	WEATHER AT	DALL 42 06006	1 SQUARE 78

CASTNO/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNDEPTH	SNO VEL	DTG	PO4	TOT P	NO2	NO3	SIO3	PH
	STO	00000	01.49	34.19	27.38	00.000	1454.5							
14.5	OBS	00000	01.49	34.19	27.38		1454.9							
	STO	00010	01.86	34.25	27.42	00.007	1455.9							
	OBS	00010	01.86	34.25	27.42		1455.5							
	STO	00020	01.65	34.25	27.42	00.014	1456.0							
	OBS	00020	01.65	34.25	27.42		1456.0							
	STO	00030	01.65	34.25	27.42	00.020	1456.2							
	OBS	00030	01.65	34.25	27.42		1456.2							
	STO	00050	01.65	34.25	27.42	00.034	1456.5							
	OBS	00050	01.65	34.25	27.42		1456.5							
	STO	00075	01.66	34.25	27.42	00.051	1457.0							
	OBS	00075	01.66	34.25	27.42		1457.0							
	STO	00100	01.65	34.25	27.42	00.067	1457.3							
	OBS	00100	01.65	34.25	27.42		1457.3							
	STO	00125	01.72	34.29	27.45	00.084	1458.1							
	OBS	00125	01.72	34.25	27.45		1458.1							
	STO	00140	01.73	34.30	27.45		1458.4							
	OBS	00140	01.73	34.30	27.45		1458.4							
	STO	00150	02.00	34.38	27.50	00.095	1459.9							
	OBS	00150	02.00	34.38	27.50		1459.9							
	STO	00200	03.91	34.76	27.63	00.127	1465.4							
	OBS	00200	03.91	34.76	27.63		1465.4							
	STO	00210	04.20	34.84	27.66		1470.9							
	OBS	00220	03.80	34.60	27.67		1469.4							
	STO	00250	03.90	34.85	27.70	00.150	1470.4							
	OBS	00250	03.90	34.85	27.70		1470.4							
	STO	00300	04.00	34.88	27.71	00.171	1471.5							
	OBS	00300	04.00	34.88	27.71		1471.6							
	STO	00400	03.93	34.91	27.74	00.212	1473.0							
	OBS	00400	03.93	34.91	27.74		1473.0							
	STO	00500	03.80	34.90	27.75	00.253	1474.1							
	OBS	00500	03.80	34.90	27.75		1474.1							
	STO	00600	03.73	34.90	27.76	00.293	1475.5							
	OBS	00600	03.73	34.90	27.76		1475.5							
	STO	00700	03.68	34.90	27.76	00.334	1476.5							
	OBS	00700	03.68	34.90	27.76		1476.5							
	STO	00800	03.64	34.90	27.77	00.375	1478.4							
	OBS	00800	03.64	34.90	27.77		1478.4							
	STO	00900	03.61	34.89	27.76	00.417	1480.0							
	OBS	00900	03.61	34.89	27.76		1480.0							
	STO	01000	03.56	34.89	27.76	00.459	1481.5							
	OBS	01000	03.56	34.89	27.76		1481.5							

TABLE I. USCGC CHASE, February, 1977.—Continued

N C D C S T A T I O N D A T A

REFID 31 8435 YEAR 1975 BOTOP 004cc AIR TEMP -03.0 DIR MGT PER WIND-DIR 31 INST STO RECORDER TEN SQ 1306
 COMSEC 0007 MONTH 02 SHIP E1 WET GULB -03.6 32 3 6 WIND-SPO 25 TRACE DIR 0 5 SQUARE 4
 LAT 46 55 N DAY 12 DATA USE 1 BAROMETR 1001.7 SEA WIND-FOR DURATION 2 SQUARE 66
 LONG 046 38.3w HOUR 16.6 AREA 05 CLOUD T/A CL/TR WEATHER A7 ORIG A2 06007 1 SQUARE 66

CASTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYNDPTH	SNO VEL	OXYG	PD4	TOT P	NO2	NO3	S103	PH
16.6	STO	00000	01.90	33.77	27.02	00.000	1456.1							
	085	00000	01.90	33.77	27.02		1456.1							
	STO	00010	01.89	33.78	27.03	00.010	1456.3							
	085	00010	01.89	33.78	27.03		1456.3							
	STO	00020	01.89	33.78	27.03	00.021	1456.4							
	085	00020	01.89	33.78	27.03		1456.4							
	STO	00030	01.91	33.78	27.02	00.031	1456.7							
	085	00030	01.91	33.78	27.02		1456.7							
	STO	00050	01.91	33.79	27.03	00.052	1457.0							
	085	00050	01.91	33.79	27.03		1457.0							
	085	00065	01.92	33.80	27.04		1457.3							
	STO	00075	02.19	33.87	27.07	00.078	1458.8							
	085	00075	02.19	33.87	27.07		1458.8							
	085	00093	03.89	34.55	27.46		1467.3							
	085	00098	03.75	34.54	27.47		1468.8							
	STO	00100	03.81	34.59	27.50	00.096	1467.2							
	085	00100	03.81	34.59	27.50		1467.2							
	085	00108	04.02	34.61	27.50		1468.2							
	STO	00125	04.02	34.64	27.52	00.113	1468.5							
	085	00125	04.02	34.64	27.52		1468.5							
	085	00130	04.04	34.64	27.52		1468.7							
	085	00138	04.25	34.70	27.54		1469.8							
	085	00143	04.05	34.70	27.56		1469.0							
	STO	00150	04.33	34.73	27.56	00.127	1470.3							
	085	00150	04.33	34.73	27.56		1470.3							
	085	00180	04.30	34.75	27.58		1470.7							
	085	00185	04.19	34.74	27.56		1470.4							
	085	00192	04.44	34.84	27.63		1471.6							
	STO	00200	04.00	34.76	27.62	00.153	1469.8							
	085	00200	04.00	34.76	27.62		1469.8							
	085	00222	03.76	34.76	27.64		1469.2							
	STO	00250	04.05	34.84	27.68	00.177	1471.0							
	085	00250	04.05	34.84	27.68		1471.0							
	085	00270	04.25	34.88	27.69		1472.2							
	STO	00300	04.20	34.89	27.70	00.199	1472.5							
	085	00300	04.20	34.89	27.70		1472.5							
	085	00350	04.04	34.91	27.73		1472.7							
	085	00355	03.86	34.91	27.74		1472.2							
	085	00370	03.86	34.91	27.75		1472.2							
	STO	00400	03.85	34.91	27.75	00.241	1472.7							
	085	00400	03.85	34.91	27.75		1472.7							
	085	00425	03.84	34.91	27.75		1473.1							

REFID 31 8435 YEAR 1975 BOTOP 00318 AIR TEMP -02.9 DIR MGT PER WIND-DIR 33 INST STO RECORDER TEN SQ 1306
 COMSEC 0008 MONTH 02 SHIP E1 WET GULB -03.5 30 3 6 WIND-SPO 30 TRACE DIR 0 5 SQUARE 4
 LAT 46 58 N DAY 12 DATA USE 1 BAROMETR 1004.4 SEA WIND-FOR DURATION 2 SQUARE 66
 LONG 046 22.5w HOUR 18.3 AREA 05 CLOUD T/A CL/TR WEATHER A1 ORIG A2 06008 1 SQUARE 66

CASTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYNDPTH	SNO VEL	OXYG	PD4	TOT P	NO2	NO3	S103	PH
18.3	STO	00000	02.15	33.73	26.97	00.000	1457.2							
	085	00000	02.15	33.73	26.97		1457.2							
	STO	00010	02.15	33.74	26.97	00.011	1457.4							
	085	00010	02.15	33.74	26.97		1457.4							
	STO	00020	02.16	33.74	26.97	00.022	1457.6							
	085	00020	02.16	33.74	26.97		1457.6							
	STO	00030	02.16	33.74	26.97	00.033	1457.7							
	085	00030	02.16	33.74	26.97		1457.7							
	STO	00050	02.17	33.74	26.97	00.055	1458.1							
	085	00050	02.17	33.74	26.97		1458.1							
	STO	00075	02.18	33.75	26.98	00.082	1458.6							
	085	00075	02.18	33.75	26.98		1458.6							
	085	00085	02.20	33.75	26.98		1458.8							
	STO	00100	03.34	34.46	27.44	00.104	1465.0							
	085	00100	03.34	34.46	27.44		1465.0							
	085	00120	03.49	34.56	27.51		1466.1							
	STO	00125	03.76	34.60	27.51	00.119	1467.4							
	085	00125	03.76	34.60	27.51		1467.4							
	STO	00150	04.09	34.69	27.55	00.134	1469.3							
	085	00150	04.09	34.69	27.55		1469.3							
	085	00160	04.24	34.73	27.57		1470.1							
	085	00190	03.95	34.74	27.61		1469.4							
	STO	00200	04.02	34.78	27.63	00.160	1469.9							
	085	00200	04.02	34.78	27.63		1469.9							
	085	00205	03.79	34.84	27.70		1469.1							
	085	00220	04.19	34.88	27.69		1471.1							
	085	00235	04.24	34.89	27.69		1471.6							
	STO	00250	04.19	34.91	27.72	00.183	1471.7							
	085	00250	04.19	34.91	27.72		1471.7							
	085	00265	04.05	34.93	27.75		1471.3							
	085	00290	04.06	34.93	27.75		1471.8							

TABLE I. USCGC CHASE, February, 1977. - Continued

MODE STATION DATA

REFID 31 8435 YEAR 1975 BOTOP 00292 AIR TEMP -04.7 DIR HGT PER WIND-DIR 32 INST STO RECORDER TEN SO 1306
 CONSEC 0005 MONTH 02 SHIP E1 WET BULB -05.1 33 4 5 WIND-SPD 15 TRACE DIR 0 5 SQUARE 4
 LAT 46 58 N DAY 12 DATA USE 1 BAROMETR 1005.6 SEA WIND-FOR DURATION 2 SQUARE 64
 LONG 045 52.0 HOUR 20.4 AREA 05 CLOUD T/A CL/TR WEATHER X8 ORIG A2 06005 1 SQUARE 65

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SI03	PH
20.4	STO	00000	02.08	33.75	27.02	00.000	1457.0							
	OBS	00000	02.08	33.75	27.02		1457.0							
	STO	00010	02.11	33.80	27.02	00.010	1457.3							
	OBS	00010	02.11	33.80	27.02		1457.3							
	STO	00020	02.10	33.80	27.03	00.021	1457.4							
	OBS	00020	02.10	33.80	27.03		1457.4							
	STO	00030	02.10	33.80	27.03	00.031	1457.6							
	OBS	00030	02.10	33.80	27.03		1457.6							
	STO	00050	02.11	33.81	27.03	00.032	1457.5							
	OBS	00050	02.11	33.81	27.03		1457.9							
	STO	00075	02.14	33.81	27.03	00.078	1458.5							
	OBS	00075	02.14	33.81	27.03		1458.5							
	STO	00100	02.14	34.44	27.47	00.095	1462.8							
	OBS	00100	02.14	34.44	27.47		1462.8							
	STO	00125	03.59	34.65	27.57	00.113	1466.7							
	OBS	00125	03.59	34.65	27.57		1466.7							
	STO	00150	03.85	34.78	27.64	00.126	1468.6							
	OBS	00150	03.85	34.78	27.64		1468.6							
	STO	00155	04.04	34.80	27.64		1469.3							
	OBS	00155	04.04	34.80	27.64		1469.3							
	STO	00175	04.05	34.83	27.67		1469.7							
	OBS	00175	04.05	34.83	27.67		1469.7							
	STO	00180	04.00	34.84	27.68		1469.6							
	OBS	00180	04.00	34.84	27.68		1469.6							
	STO	00193	04.01	34.86	27.70		1469.9							
	OBS	00193	04.01	34.86	27.70		1469.9							
	STO	00200	04.16	34.88	27.70	00.145	1470.7							
	OBS	00200	04.16	34.88	27.70		1470.7							
	STO	00205	04.06	34.89	27.71		1470.3							
	OBS	00205	04.06	34.89	27.71		1470.3							
	STO	00250	04.02	34.52	27.74	00.169	1471.0							
	OBS	00250	04.02	34.52	27.74		1471.0							
	STO	00255	04.02	34.92	27.74		1471.0							
	OBS	00255	04.02	34.92	27.74		1471.0							

REFID 31 8435 YEAR 1975 BOTOP 00252 AIR TEMP -04.2 DIR HGT PER WIND-DIR 30 INST STO RECORDER TEN SO 1306
 CONSEC 0010 MONTH 02 SHIP E1 WET BULB -05.3 33 4 5 WIND-SPD 22 TRACE DIR 0 5 SQUARE 4
 LAT 47 20 N DAY 12 DATA USE 1 BAROMETR 1007.1 SEA WIND-FOR DURATION 2 SQUARE 64
 LONG 045 45 N HOUR 22.6 AREA 05 CLOUD T/A CL/TR WEATHER X1 ORIG A2 06010 1 SQUARE 75

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SI03	PH
22.6	STO	00000	01.86	33.63	26.91	00.000	1455.8							
	OBS	00000	01.86	33.63	26.91		1455.8							
	STO	00010	01.86	33.63	26.91	00.012	1455.5							
	OBS	00010	01.86	33.63	26.91		1455.9							
	STO	00020	01.86	33.63	26.91	00.023	1456.1							
	OBS	00020	01.86	33.63	26.91		1456.1							
	STO	00030	01.87	33.63	26.91	00.035	1456.3							
	OBS	00030	01.87	33.63	26.91		1456.3							
	STO	00050	01.87	33.63	26.91	00.058	1456.6							
	OBS	00050	01.87	33.63	26.91		1456.6							
	STO	00075	01.86	33.63	26.91	00.067	1457.1							
	OBS	00075	01.86	33.63	26.91		1457.1							
	STO	00085	01.85	33.64	26.91		1457.3							
	OBS	00085	01.85	33.64	26.91		1457.3							
	STO	00100	02.36	33.90	27.08	00.114	1460.1							
	OBS	00100	02.36	33.90	27.08		1460.1							
	STO	00105	02.94	34.41	27.44		1463.3							
	OBS	00105	02.94	34.41	27.44		1463.3							
	STO	00110	03.39	34.48	27.46		1463.4							
	OBS	00110	03.39	34.48	27.46		1463.4							
	STO	00125	03.47	34.51	27.47	00.134	1466.0							
	OBS	00125	03.47	34.51	27.47		1466.0							
	STO	00133	03.52	34.57	27.51		1466.4							
	OBS	00133	03.52	34.57	27.51		1466.4							
	STO	00150	03.78	34.65	27.55	00.145	1467.9							
	OBS	00150	03.78	34.65	27.55		1467.9							
	STO	00157	03.79	34.67	27.57		1468.1							
	OBS	00157	03.79	34.67	27.57		1468.1							
	STO	00200	03.91	34.70	27.58	00.176	1465.4							
	OBS	00200	03.91	34.70	27.58		1465.4							
	STO	00250	03.57	34.73	27.60	00.203	1470.5							
	OBS	00250	03.57	34.73	27.60		1470.5							

TABLE I. USCGC CHASE, February, 1977. Continued

MOOC STATION DATA

REFID 31 8435	YEAR 1975	BOTOP 00301	AIR TEMP -02.0	OIR MGT PER	WIND-OIR 25	INST STO RECORDER	TEN SQ 1306
CONSEC 0011	MONTH 02	SHIP E1	WET BULB -04.5		WIND-SPO 20	TRACE CIA 0	5 SQUARE 4
LAT 47 40 N	DAY 13	DATA USE 1	BAROMETR 1008.5	SEA	WIND-FOR	DURATION	2 SQUARE 64
LONG 045 45 W	MOUR 00.7	AREA 05	CLOUD T/A	CL/TA	WEATHER R1	ORIG A2 06011	1 SQUARE 75

CASHTM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OTNOPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
00.7	STD	00000	01.86	33.65	26.92	00.000	1455.8							
	OBS	00000	01.86	33.65	26.92		1455.8							
	STD	00010	01.86	33.65	26.92	00.011	1456.0							
	OBS	00010	01.86	33.65	26.92		1456.0							
	STD	00020	01.86	33.65	26.92	00.023	1456.1							
	OBS	00020	01.86	33.65	26.92		1456.1							
	STD	00030	01.86	33.65	26.92	00.034	1456.3							
	OBS	00030	01.86	33.65	26.92		1456.3							
	STD	00050	01.88	33.65	26.92	00.057	1456.7							
	OBS	00050	01.88	33.65	26.92		1456.7							
	STD	00075	01.89	33.66	26.93	00.086	1457.2							
	OBS	00075	01.89	33.66	26.93		1457.2							
	STD	00100	01.90	33.66	26.93	00.114	1457.6							
	OBS	00100	01.90	33.66	26.93		1457.6							
	STD	00110	02.54	34.07	27.21		1461.2							
	OBS	00110	02.54	34.07	27.21		1461.2							
	STD	00125	03.31	34.45	27.44	00.136	1465.2							
	OBS	00125	03.31	34.45	27.44		1465.2							
	STD	00130	03.34	34.47	27.45		1465.5							
	OBS	00130	03.34	34.47	27.45		1465.5							
	STD	00138	03.28	34.49	27.47		1465.4							
	OBS	00138	03.28	34.49	27.47		1465.4							
	STD	00150	03.52	34.56	27.51	00.152	1466.7							
	OBS	00150	03.52	34.56	27.51		1466.7							
	STD	00170	03.84	34.65	27.55		1468.5							
	OBS	00170	03.84	34.65	27.55		1468.5							
	STD	00195	04.03	34.76	27.61		1469.9							
	OBS	00195	04.03	34.76	27.61		1469.9							
	STD	00200	04.00	34.77	27.62	00.180	1469.8							
	OBS	00200	04.00	34.77	27.62		1469.8							
	STD	00250	04.04	34.79	27.64	00.204	1470.9							
	OBS	00250	04.04	34.79	27.64		1470.9							
	STD	00255	04.05	34.79	27.64		1471.0							
	OBS	00255	04.05	34.79	27.64		1471.0							

REFID 31 8435	YEAR 1975	BOTOP 00429	AIR TEMP -05.5	OIR MGT PER	WIND-OIR 25	INST STO RECORDER	TEN SQ 1306
CONSEC 0012	MONTH 02	SHIP E1	WET BULB -05.5	26 2 5	WIND-SPO 25	TRACE CIA 0	5 SQUARE 4
LAT 48 05.7N	DAY 13	DATA USE 1	BAROMETR 1008.5	SEA	WIND-FOR	DURATION	2 SQUARE 84
LONG 045 50.3W	MOUR 04.3	AREA 05	CLOUD T/A	CL/TA	WEATHER R2	ORIG A2 06012	1 SQUARE 85

CASHTM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OTNOPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
04.3	STD	00000	01.54	33.80	27.07	00.000	1454.6							
	OBS	00000	01.54	33.80	27.07		1454.6							
	STD	00010	01.55	33.80	27.07	00.010	1454.8							
	OBS	00010	01.55	33.80	27.07		1454.8							
	STD	00020	01.57	33.81	27.07	00.020	1455.1							
	OBS	00020	01.57	33.81	27.07		1455.1							
	STD	00030	01.64	33.85	27.13	00.030	1455.6							
	OBS	00030	01.64	33.85	27.13		1455.6							
	STD	00050	01.78	34.03	27.23	00.048	1456.8							
	OBS	00050	01.78	34.03	27.23		1456.8							
	STD	00065	02.34	34.24	27.36		1459.8							
	OBS	00065	02.34	34.24	27.36		1459.8							
	STD	00075	02.84	34.46	27.49	00.066	1462.4							
	OBS	00075	02.84	34.46	27.49		1462.4							
	STD	00100	03.61	34.60	27.53	00.081	1466.3							
	OBS	00100	03.61	34.60	27.53		1466.3							
	STD	00105	03.79	34.67	27.57		1467.3							
	OBS	00105	03.79	34.67	27.57		1467.3							
	STD	00125	03.57	34.70	27.61	00.094	1468.7							
	OBS	00125	03.57	34.70	27.61		1468.7							
	STD	00150	03.64	34.77	27.63	00.106	1468.8							
	OBS	00150	03.64	34.77	27.63		1468.8							
	STD	00200	04.01	34.84	27.68	00.129	1470.0							
	OBS	00200	04.01	34.84	27.68		1470.0							
	STD	00220	03.96	34.84	27.68		1470.1							
	OBS	00220	03.96	34.84	27.68		1470.1							
	STD	00250	04.14	34.89	27.71	00.151	1471.4							
	OBS	00250	04.14	34.89	27.71		1471.4							
	STD	00300	04.05	34.91	27.73	00.172	1471.9							
	OBS	00300	04.05	34.91	27.73		1471.9							
	STD	00400	03.81	34.91	27.76	00.211	1472.5							
	OBS	00400	03.81	34.91	27.76		1472.5							

TABLE I. USCGC CHASE, February, 1977.—Continued

MOOC STATION DATA

REF ID 31 8435	YEAR 1975	BOTOP 00713	AIR TEMP -05.5	DIR HGT PER	WIND-DIR 22	INST STD RECORDER	TEN SQ 1306
CONSEC 0013	MONTH 02	SHIP E1	WET BULB -05.5	24 2 5	WIND-SPD 20	TRACE DIR 0	5 SQUARE 4
LAT 48 20.3N	DAY 13	DATA USE 1	BAROMETER 1006.4	SEA	WIND-FDR	DURATION	2 SQUARE 84
LONG 045 49.6W	MOOR 06.1	AREA 05	CLOUD 7/A	CL/TR	WEATHER AT	ORIG A2 06013	1 SQUARE 85

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNMPTH	SNO VEL	OATG	PD4	TOT P	MO2	MO3	SIO3	PH
06.1	STD	00000	01.78	33.96	27.18	00.000	1455.9							
	OBS	00000	01.78	33.96	27.18		1455.9							
	STD	00010	01.75	33.96	27.18	00.009	1456.1							
	OBS	00010	01.79	33.96	27.18		1456.1							
	STD	00020	01.82	33.99	27.20	00.018	1456.4							
	OBS	00020	01.82	33.99	27.20		1456.4							
	STD	00030	01.82	34.00	27.21	00.027	1456.6							
	OBS	00030	01.82	34.00	27.21		1456.6							
	STD	00050	01.52	34.05	27.24	00.044	1457.4							
	OBS	00050	01.92	34.05	27.24		1457.4							
	STD	00075	02.07	34.10	27.27	00.065	1458.6							
	OBS	00075	02.07	34.10	27.27		1458.6							
	STD	00100	02.81	34.42	27.46	00.083	1462.6							
	OBS	00100	02.81	34.42	27.46		1462.6							
	STD	00125	03.40	34.71	27.64	00.097	1466.0							
	OBS	00125	03.40	34.71	27.64		1466.0							
	STD	00150	03.58	34.77	27.67	00.108	1467.2							
	OBS	00150	03.58	34.77	27.67		1467.2							
	OBS	00175	03.61	34.81	27.70		1467.6							
	STD	00200	03.85	34.88	27.73	00.125	1469.4							
	OBS	00200	03.85	34.88	27.73		1469.4							
	OBS	00215	03.93	34.85	27.73		1470.0							
	STD	00250	03.86	34.90	27.74	00.149	1470.3							
	OBS	00250	03.86	34.90	27.74		1470.3							
	STD	00300	03.75	34.90	27.75	00.168	1470.6							
	OBS	00300	03.75	34.90	27.75		1470.6							
	OBS	00345	03.84	34.92	27.76		1471.8							
	STD	00400	03.78	34.92	27.77	00.206	1472.4							
	OBS	00400	03.78	34.92	27.77		1472.4							
	OBS	00410	03.69	34.91	27.77		1472.2							
	OBS	00435	03.70	34.92	27.78		1472.7							
	OBS	00455	03.56	34.90	27.77		1472.4							
	STD	00500	03.54	34.85	27.77	00.244	1473.0							
	OBS	00500	03.54	34.85	27.77		1473.0							
	OBS	00550	03.56	34.90	27.77		1473.5							
	STD	00600	03.47	34.85	27.77	00.282	1474.4							
	OBS	00600	03.47	34.85	27.77		1474.4							

REF ID 31 8435	YEAR 1975	BOTOP 01061	AIR TEMP -00.2	DIR HGT PER	WIND-DIR 22	INST STD RECORDER	TEN SQ 1306
CONSEC 0014	MONTH 02	SHIP E1	WET BULB -00.6	19 1 3	WIND-SPD 15	TRACE DIR 0	5 SQUARE 4
LAT 48 35.8N	DAY 13	DATA USE 1	BAROMETER 1004.7	SEA	WIND-FDR	DURATION	2 SQUARE 84
LONG 045 49.3W	MOOR 09.2	AREA 05	CLOUD 7/A	CL/TR	WEATHER AT	ORIG A2 06014	1 SQUARE 85

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNMPTH	SNO VEL	OATG	PD4	TOT P	MO2	MO3	SIO3	PH
09.2	STD	00000	02.10	34.38	27.49	00.000	1457.9							
	OBS	00000	02.10	34.38	27.49		1457.9							
	STD	00010	02.11	34.39	27.50	00.006	1458.1							
	OBS	00010	02.11	34.35	27.50		1458.1							
	STD	00020	02.12	34.39	27.50	00.012	1458.3							
	OBS	00020	02.12	34.39	27.50		1458.3							
	STD	00030	02.12	34.39	27.50	00.018	1458.5							
	OBS	00030	02.12	34.39	27.50		1458.5							
	STD	00050	02.12	34.35	27.50	00.030	1458.8							
	OBS	00050	02.12	34.39	27.50		1458.8							
	STD	00075	02.14	34.40	27.50	00.045	1459.3							
	OBS	00075	02.14	34.40	27.50		1459.3							
	STD	00100	02.17	34.40	27.50	00.060	1459.8							
	OBS	00100	02.17	34.40	27.50		1459.8							
	STD	00125	02.19	34.42	27.51	00.075	1460.4							
	OBS	00125	02.19	34.42	27.51		1460.4							
	STD	00150	02.50	34.56	27.60	00.088	1462.3							
	OBS	00150	02.50	34.56	27.60		1462.3							
	STD	00200	03.86	34.88	27.73	00.111	1465.4							
	OBS	00200	03.86	34.88	27.73		1465.4							
	OBS	00225	03.55	34.85	27.73		1468.5							
	OBS	00240	03.79	34.89	27.74		1469.8							
	STD	00250	03.75	34.88	27.74	00.131	1469.8							
	OBS	00250	03.75	34.88	27.74		1469.8							
	OBS	00265	03.53	34.85	27.77		1469.1							
	STD	00300	03.54	34.90	27.78	00.145	1469.7							
	OBS	00300	03.54	34.90	27.78		1469.7							
	STD	00400	03.47	34.85	27.77	00.186	1471.1							
	OBS	00400	03.47	34.89	27.77		1471.1							
	STD	00500	03.37	34.89	27.78	00.222	1472.3							
	OBS	00500	03.37	34.85	27.78		1472.3							
	STD	00600	03.34	34.85	27.79	00.255	1473.8							
	OBS	00600	03.34	34.89	27.79		1473.8							
	STD	00700	03.35	34.85	27.79	00.297	1475.5							
	OBS	00700	03.35	34.89	27.79		1475.5							
	STD	00800	03.34	34.90	27.79	00.335	1477.2							
	OBS	00800	03.34	34.90	27.79		1477.2							
	STD	00900	03.34	34.85	27.79	00.373	1478.8							
	OBS	00900	03.34	34.89	27.79		1478.8							
	STD	01000	03.34	34.89	27.79	00.413	1480.5							
	OBS	01000	03.34	34.85	27.79		1480.5							
	OBS	01020	03.34	34.89	27.79		1480.6							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.

MOOC STATION DATA

REFID 31 0454	YEAR 1975	BOTOP 02942	AIR TEMP 16.7	DIA HGT PER	WIND-DIA 19	INST STD RECORDER	TEN SO 1306
CONSEC 0001	MONTH 04	SHIP EV	WET BULB 15.1	19 2 3	WIND-SPD 20	TRACE DIA 0	5 SQUARE 2
LAT 41 00 N	DAY 08	DATA USE 1	BAROMETER 1010.5	SEA	WIND-FOR	DURATION 00.3	2 SQUARE 08
LONG 048 31 W	HDUR 17.0	AREA 05	CLOUD T/A	CL/TR	WEATHER 31	DRIG 011 650 14	1 SQUARE 18

CASTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SNO VEL	DRYG	PO4	TOT P	MO2	NO3	SI03	PM
17.0	STD	00000	13.15	35.58	26.82	00.000	1502.2							
	OBS	00003	13.15	35.58	26.82		1502.3							
	STD	00010	13.10	35.61	26.86	00.012	1502.1							
	OBS	00011	13.08	35.61	26.87		1502.1							
	STD	00020	12.94	35.59	26.88	00.024	1501.7							
	OBS	00020	12.93	35.59	26.88		1501.7							
	STD	00030	12.82	35.60	26.91	00.036	1501.5							
	OBS	00030	12.81	35.60	26.91		1501.5							
	STD	00050	12.59	35.56	26.92	00.056	1501.0							
	OBS	00051	12.56	35.55	26.92		1500.9							
	OBS	00053	12.51	35.54	26.93		1500.8							
	STD	00075	12.26	35.48	26.93	00.088	1500.2							
	OBS	00076	12.25	35.48	26.93		1500.2							
	STD	00100	12.24	35.48	26.93	00.117	1500.5							
	OBS	00100	12.24	35.48	26.93		1500.6							
	STD	00125	12.17	35.47	26.94	00.146	1500.7							
	OBS	00125	12.17	35.47	26.94		1500.7							
	STD	00150	12.15	35.47	26.94	00.175	1501.0							
	OBS	00150	12.15	35.47	26.94		1501.0							
	OBS	00175	12.15	35.47	26.94		1501.4							
	STD	00200	12.13	35.46	26.94	00.233	1501.8							
	OBS	00201	12.13	35.46	26.94		1501.8							
	OBS	00226	12.01	35.42	26.93		1501.7							
	OBS	00245	11.90	35.45	26.98		1501.7							
	STD	00250	11.70	35.39	26.97	00.291	1501.0							
	OBS	00251	11.65	35.38	26.97		1500.9							
	OBS	00255	11.51	35.37	26.99		1500.4							
	OBS	00264	10.66	35.16	26.98		1497.3							
	OBS	00276	10.38	35.21	27.07		1496.6							
	OBS	00298	10.27	35.20	27.08		1496.5							
	STD	00300	10.17	35.18	27.08	00.347	1496.2							
	OBS	00304	09.81	35.09	27.07		1494.8							
	OBS	00335	09.43	35.14	27.18		1494.0							
	OBS	00352	08.21	34.92	27.20		1489.4							
	OBS	00380	07.85	34.94	27.27		1488.5							
	OBS	00392	07.41	34.85	27.26		1486.9							
	STD	00400	07.37	34.88	27.29	00.443	1486.5							
	OBS	00403	07.35	34.89	27.30		1486.9							
	OBS	00451	07.15	34.96	27.35		1487.0							
	OBS	00456	07.15	34.97	27.39		1487.1							
	OBS	00462	06.50	34.93	27.40		1486.2							
	OBS	00466	06.85	34.94	27.41		1486.0							
	OBS	00474	06.63	34.95	27.45		1485.3							
	STD	00500	06.67	35.00	27.48	00.520	1486.0							
	OBS	00502	06.67	35.00	27.48		1486.0							
	OBS	00510	06.67	34.96	27.45		1486.1							
	OBS	00512	06.42	34.52	27.46		1485.1							
	OBS	00553	06.00	34.57	27.55		1484.2							
	STD	00600	05.84	35.00	27.59	00.584	1484.3							
	OBS	00601	05.83	35.00	27.60		1484.3							
	OBS	00656	05.20	34.95	27.63		1482.6							
	STD	00700	05.11	34.98	27.67	00.635	1483.0							
	OBS	00700	05.11	34.98	27.67		1483.0							
	OBS	00750	04.97	34.99	27.69		1483.3							
	STD	00800	04.88	35.01	27.72	00.685	1483.7							
	OBS	00801	04.88	35.01	27.72		1483.8							
	OBS	00850	04.92	35.02	27.72		1484.8							
	STD	00900	04.83	35.02	27.73	00.737	1485.2							
	OBS	00900	04.83	35.02	27.73		1485.2							
	OBS	00951	04.65	35.00	27.74		1485.3							
	STD	01000	04.54	34.95	27.74	00.785	1485.7							
	OBS	01001	04.54	34.99	27.74		1485.7							
	OBS	01020	04.45	34.99	27.75		1485.8							
	OBS	01022	04.39	34.94	27.72		1485.3							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MODE STATION DATA

ASFLC 31 8454	YEAR 1975	BOTOP 03504	AIR TEMP 14.8	AIR HGT PER	WIND-OIR 17	INST STO RECORDER	TEN SQ 1306
CONSEC 0002	MONTH 04	SHIP EV	WET BULB 14.0	26 2 3	WIND-SPO 11	TRACE DIA 0	5 SQUARE 2
LAT 41 23 N	CAY 08	DATA USE 1	BAROMETER 1008.3	SEA	WIND-FOR	DURATION 00.7	2 SQUARE 08
LONG 048 40 W	MOUR 20.8	AREA 05	CLCUO T/A	CL/T/R	WEATHER AS	ORIG D11 698	1 SQUARE 18

C&STNUM/TIME	LYLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	ORVG	PO4	TOT P	NO2	NO3	S103	PH
20.8	STO	00000	14.44	35.87	26.74	00.000	1507.3							
	OBS	00003	14.44	35.87	26.74		1507.4							
	STO	00010	14.42	35.86	26.74	00.013	1507.4							
	OBS	00011	14.41	35.86	26.74		1507.4							
	STO	00020	14.55	35.87	26.76	00.026	1507.3							
	OBS	00020	14.54	35.87	26.76		1507.3							
	STO	00030	14.49	35.88	26.78	00.039	1507.3							
	OBS	00030	14.48	35.88	26.78		1507.3							
	OBS	00040	14.25	35.83	26.79		1506.7							
	OBS	00043	14.07	35.79	26.80		1506.1							
	OBS	00045	13.99	35.77	26.80		1505.8							
	OBS	00049	13.51	35.65	26.81		1504.2							
	STO	00050	13.51	35.65	26.81	00.065	1504.2							
	OBS	00053	13.36	35.60	26.80		1503.7							
	OBS	00055	13.17	35.54	26.79		1503.0							
	OBS	00062	12.78	35.47	26.82		1501.7							
	OBS	00068	12.20	35.35	26.84		1499.7							
	STO	00075	11.84	35.27	26.85	00.096	1498.5							
	OBS	00078	11.75	35.24	26.86		1498.2							
	OBS	00079	11.70	35.24	26.87		1498.1							
	OBS	00085	11.62	35.23	26.87		1497.9							
	OBS	00089	11.35	35.20	26.89		1496.9							
	STO	00100	11.03	35.16	26.91	00.128	1495.9							
	OBS	00102	11.01	35.15	26.91		1495.9							
	OBS	00106	11.03	35.17	26.92		1496.0							
	OBS	00110	11.65	35.33	26.93		1498.5							
	OBS	00112	11.60	35.31	26.92		1498.3							
	STO	00125	10.87	35.17	26.95	00.155	1495.8							
	OBS	00125	10.85	35.17	26.95		1495.7							
	STO	00150	11.47	35.35	26.98	00.183	1498.5							
	OBS	00150	11.48	35.35	26.98		1498.6							
	OBS	00175	11.63	35.41	27.00		1499.6							
	STO	00200	11.68	35.41	26.99	00.240	1500.2							
	OBS	00201	11.69	35.41	26.98		1500.2							
	OBS	00226	11.79	35.42	26.97		1501.0							
	STO	00250	11.83	35.46	27.00	00.296	1501.6							
	OBS	00251	11.83	35.46	27.00		1501.6							
	OBS	00276	11.72	35.43	26.99		1501.6							
	OBS	00287	11.33	35.36	27.01		1500.3							
	OBS	00297	11.36	35.41	27.05		1500.6							
	OBS	00298	11.60	35.49	27.06		1501.6							
	STO	00300	11.62	35.49	27.06	00.352	1501.7							
	OBS	00300	11.63	35.49	27.06		1501.7							
	OBS	00346	10.46	35.34	27.16		1498.2							
	OBS	00352	10.25	35.29	27.15		1497.4							
	OBS	00354	10.22	35.29	27.16		1497.4							
	OBS	00367	09.47	35.23	27.24		1494.8							
	STO	00400	08.87	35.15	27.28	00.450	1493.0							
	OBS	00403	08.84	35.15	27.28		1492.9							
	OBS	00407	08.81	35.13	27.29		1492.9							
	OBS	00409	08.80	35.13	27.27		1492.8							
	OBS	00411	08.71	35.12	27.28		1492.5							
	OBS	00441	08.14	35.10	27.35		1490.8							
	OBS	00451	07.85	35.08	27.38		1489.5							
	STO	00500	07.22	35.08	27.47	00.530	1488.2							
	OBS	00500	07.21	35.08	27.47		1488.2							
	OBS	00550	06.65	35.07	27.54		1486.8							
	OBS	00578	05.92	34.97	27.36		1484.2							
	OBS	00584	05.63	34.92	27.56		1483.1							
	STO	00600	05.50	34.94	27.59	00.594	1482.8							
	OBS	00601	05.49	34.94	27.59		1482.8							
	OBS	00637	05.70	35.01	27.62		1484.4							
	OBS	00647	05.05	34.90	27.61		1481.8							
	OBS	00652	04.92	34.92	27.64		1481.3							
	OBS	00660	04.84	34.86	27.60		1481.1							
	OBS	00673	04.23	34.81	27.63		1478.7							
	OBS	00683	04.21	34.81	27.63		1478.8							
	OBS	00692	04.41	34.86	27.65		1479.8							
	STO	00700	04.67	34.90	27.65	00.650	1481.0							
	OBS	00702	04.74	34.91	27.66		1481.4							
	OBS	00751	04.78	34.96	27.69		1482.5							
	STO	00800	04.79	34.97	27.70	00.701	1483.3							
	OBS	00801	04.79	34.97	27.70		1483.3							
	OBS	00850	04.61	34.98	27.73		1483.4							
	STO	00900	04.41	34.95	27.72	00.750	1483.4							
	OBS	00902	04.40	34.95	27.72		1483.4							
	OBS	00951	04.26	34.95	27.74		1483.6							
	STO	01000	04.25	34.95	27.74	00.757	1484.4							
	OBS	01003	04.25	34.95	27.74		1484.4							
	OBS	01020	04.12	34.91	27.72		1484.1							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

#SF10 31 8454	YEAR 1975	BCTOP 03109	AIR TEMP 06.1	OJR HGT PER 12 2 2	WIND-DIR 11	INST STO RECORDER	TEN 50 1306
CONSEC 0003	MONTH 04	SHIP EV	WET BULB 06.1		WIND-SPO 18	TRACE DIR 0	5 SQUARE 2
LAT 41 45 N	DAY 06	DATA USE 1	BAPMETER 100B.9	SEA	WIND-FOR	DURATION 00.4	2 SQUARE 08
LONG 046 47 W	HOOR 00.1	AREA 05	CLCUD T/A	CL/7R	WEATHER A4	DRG 011 692	1 SQUARE 18

CASSTNUM/TIME	LVL/TP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	S103	PN
00.1	STO	00000	00.57	32.63	26.17	00.000	1450.4							
00.1	005	00000	00.57	32.63	26.17		1450.4							
00.1	005	00009	01.07	32.52	26.35		1451.4							
00.1	STO	00010	00.79	32.93	26.42	00.017	1450.2							
00.1	005	00013	00.25	33.05	26.54		1447.5							
00.1	005	00017	02.40	33.33	26.63		1458.0							
00.1	STO	00020	02.11	33.35	26.67	00.032	1456.8							
00.1	005	00020	02.05	33.36	26.68		1456.6							
00.1	005	00028	02.23	33.53	26.80		1457.7							
00.1	STO	00030	02.36	33.54	26.79	00.046	1458.4							
00.1	005	00032	02.61	33.55	26.78		1459.5							
00.1	005	00040	03.12	33.61	26.79		1461.9							
00.1	STO	00050	03.32	33.65	26.80	00.071	1463.0							
00.1	005	00051	03.33	33.65	26.80		1463.0							
00.1	STO	00075	02.79	33.67	26.86	00.102	1461.1							
00.1	005	00076	02.71	33.67	26.87		1460.8							
00.1	005	00076	02.56	33.72	26.52		1460.2							
00.1	005	00085	02.52	33.76	26.96		1460.3							
00.1	005	00085	02.60	33.80	26.99		1460.7							
00.1	005	00063	02.39	33.81	27.01		1459.9							
00.1	005	00055	02.63	33.88	27.05		1461.0							
00.1	STO	00100	02.92	33.96	27.08	00.125	1462.5							
00.1	005	00100	02.96	33.97	27.09		1462.7							
00.1	005	00118	03.16	34.04	27.13		1463.9							
00.1	005	00119	02.47	34.00	27.16		1460.5							
00.1	005	00121	02.12	33.96	27.15		1459.4							
00.1	STO	00125	02.02	34.01	27.20	00.153	1456.1							
00.1	005	00125	02.00	34.03	27.22		1456.0							
00.1	005	00129	02.85	34.17	27.26		1463.0							
00.1	005	00135	03.02	34.19	27.26		1463.8							
00.1	005	00144	02.60	34.17	27.28		1462.1							
00.1	005	00148	02.86	34.23	27.31		1463.4							
00.1	STO	00150	02.89	34.23	27.31	00.173	1463.6							
00.1	005	00152	02.62	34.24	27.31		1463.7							
00.1	005	00163	02.86	34.26	27.33		1463.7							
00.1	005	00167	02.65	34.23	27.32		1462.8							
00.1	005	00171	01.44	34.12	27.33		1457.4							
00.1	005	00173	01.05	34.12	27.35		1455.9							
00.1	005	00177	01.01	34.13	27.37		1455.6							
00.1	005	00194	01.42	34.23	27.42		1457.8							
00.1	005	00189	01.51	34.31	27.48		1458.4							
00.1	STO	00200	01.52	34.31	27.48	00.209	1458.5							
00.1	005	00213	02.57	34.41	27.47		1463.5							
00.1	005	00218	02.86	34.46	27.45		1464.9							
00.1	005	00224	03.29	34.48	27.47		1466.8							
00.1	005	00226	03.25	34.46	27.45		1466.6							
00.1	005	00230	03.05	34.43	27.44		1466.0							
00.1	005	00236	03.25	34.45	27.48		1466.9							
00.1	STO	00250	02.18	34.37	27.48	00.240	1462.3							
00.1	005	00253	02.09	34.37	27.48		1462.0							
00.1	005	00268	02.47	34.47	27.53		1464.0							
00.1	005	00277	02.95	34.54	27.54		1466.3							
00.1	005	00285	02.65	34.51	27.55		1465.1							
00.1	005	00293	03.52	34.60	27.59		1469.2							
00.1	STO	00300	03.60	34.67	27.59	00.269	1465.7							
00.1	005	00300	03.61	34.67	27.59		1465.7							
00.1	005	00317	03.77	34.71	27.60		1470.7							
00.1	005	00321	04.13	34.77	27.61		1472.4							
00.1	005	00325	04.18	34.76	27.60		1472.6							
00.1	005	00335	04.54	34.83	27.61		1474.4							
00.1	005	00338	04.56	34.82	27.60		1474.5							
00.1	005	00346	04.06	34.76	27.61		1472.5							
00.1	005	00352	04.06	34.76	27.61		1472.6							
00.1	005	00361	03.52	34.68	27.60		1470.4							
00.1	005	00386	03.52	34.72	27.63		1470.8							
00.1	005	00395	04.09	34.80	27.64		1473.5							
00.1	STO	00400	04.07	34.79	27.63	00.321	1473.4							
00.1	005	00401	04.06	34.78	27.63		1473.4							
00.1	005	00453	04.18	34.85	27.67		1474.9							
00.1	005	00489	04.43	34.87	27.66		1474.5							
00.1	STO	00500	04.17	34.86	27.68	00.370	1475.6							
00.1	005	00500	04.16	34.86	27.68		1475.6							
00.1	005	00550	04.14	34.88	27.70		1476.4							
00.1	STO	00600	04.51	34.96	27.72	00.417	1478.8							
00.1	005	00601	04.51	34.96	27.72		1478.9							
00.1	005	00651	04.38	34.95	27.73		1479.1							
00.1	STO	00700	04.25	34.95	27.74	00.461	1479.6							
00.1	005	00700	04.25	34.95	27.74		1479.6							
00.1	005	00750	04.20	34.95	27.75		1480.0							
00.1	STO	00800	04.27	34.97	27.75	00.505	1481.2							
00.1	005	00801	04.27	34.97	27.76		1481.2							
00.1	005	00850	04.09	34.94	27.75		1481.2							
00.1	STO	00900	04.03	34.93	27.76	00.548	1481.8							
00.1	005	00900	04.03	34.93	27.76		1481.8							
00.1	005	00953	03.95	34.93	27.76		1482.3							
00.1	STO	01000	03.92	34.94	27.77	00.591	1483.0							
00.1	005	01001	03.92	34.94	27.77		1483.0							
00.1	005	01031	03.85	34.93	27.76		1483.4							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

M D O C S T A T I O N O A T A

REFID 31 8454 YEAR 1975 BOTOP 03126 AIA TEMP 08.2 QIA HGT PER WIND-DIA 21 INST STC RECORDER TEN SO 1500
 CONSEC 0034 MONTH 04 SHIP EV WET BULB 07.2 SS A X WIND-SPD 05 TRACE DIR 0 5 SQUARE 2
 LAT 42 04.54 DAY 09 DATA USE 1 BAROMETER 1006.3 SEA CL/TH WIND-FOA DURATION 00.3 2 SQUARE 28
 LONG 048 50 W HOUR 02.9 AREA 05 CLOUD T/A WEATHER X4 DRIF 011 453 1 SQUARE 28

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
02.9	STD	00000	03.81	33.51	26.64	00.000	1464.0							
085	00000	03.81	33.51	26.64			1464.0							
STD	00010	03.82	33.54	26.66	00.014		1464.3							
085	00011	03.82	33.54	26.67			1464.3							
STD	00020	03.51	33.56	26.71	00.028		1463.1							
085	00020	03.45	33.56	26.71			1463.1							
085	00024	03.46	33.55	26.71			1463.0							
STD	00030	02.86	33.52	26.74	00.041		1460.5							
085	00030	02.81	33.52	26.74			1460.3							
085	00034	02.46	33.48	26.74			1458.8							
085	00047	01.92	33.65	26.92			1458.8							
085	00049	02.14	33.66	26.91			1457.5							
STD	00050	02.31	33.67	26.91	00.068		1458.6							
085	00051	02.67	33.70	26.90			1460.3							
085	00055	02.82	33.72	26.90			1461.0							
085	00055	01.59	33.64	26.94			1455.6							
085	00062	00.83	33.61	26.96			1452.2							
085	00066	01.87	33.75	27.00			1457.1							
085	00068	02.03	33.82	27.05			1457.9							
085	00072	01.85	33.78	27.03			1457.1							
STD	00075	00.57	33.74	27.06	00.093		1453.2							
085	00076	00.78	33.73	27.06			1452.3							
085	00078	00.69	33.71	27.05			1451.9							
085	00081	01.23	33.86	27.14			1454.6							
085	00093	01.32	33.62	27.18			1455.3							
085	00099	01.42	33.93	27.18			1455.9							
STD	00100	01.41	33.93	27.18	00.117		1455.8							
085	00100	01.41	33.93	27.18			1455.8							
085	00114	02.07	34.09	27.26			1459.2							
085	00115	01.86	34.11	27.29			1458.4							
085	00123	02.14	34.12	27.28			1459.7							
STD	00125	01.54	34.10	27.27	00.138		1458.8							
085	00125	01.88	34.09	27.27			1458.6							
085	00129	01.96	34.14	27.31			1459.0							
085	00135	03.22	34.34	27.38			1464.9							
STD	00150	03.30	34.33	27.35	00.157		1465.4							
085	00150	03.30	34.33	27.34			1465.5							
085	00178	03.34	34.46	27.44			1466.5							
STD	00200	03.35	34.45	27.47	00.192		1466.7							
085	00203	03.36	34.50	27.47			1466.8							
085	00228	03.55	34.56	27.50			1468.1							
STD	00250	03.72	34.64	27.55	00.222		1469.3							
085	00251	03.73	34.64	27.55			1469.4							
085	00276	03.77	34.66	27.56			1470.0							
STD	00300	03.77	34.65	27.58	00.250		1470.4							
085	00300	03.77	34.69	27.59			1470.4							
085	00350	03.89	34.75	27.62			1471.8							
085	00363	03.88	34.77	27.64			1472.0							
085	00369	04.15	34.82	27.65			1473.3							
STD	00400	04.07	34.83	27.66	00.301		1473.5							
085	00401	04.07	34.83	27.67			1473.5							
085	00451	03.97	34.84	27.68			1473.9							
STD	00500	03.98	34.86	27.70	00.346		1474.8							
085	00500	03.98	34.86	27.70			1474.8							
085	00555	04.02	34.90	27.73			1476.0							
STD	00600	04.06	34.90	27.72	00.352		1476.5							
085	00603	04.06	34.90	27.72			1476.9							
085	00652	04.02	34.92	27.74			1477.6							
STD	00700	04.04	34.93	27.75	00.436		1478.5							
085	00702	04.04	34.93	27.75			1478.5							
085	00750	04.00	34.94	27.76			1479.2							
STD	00800	03.95	34.95	27.77	00.478		1479.8							
085	00803	03.95	34.95	27.77			1479.9							
085	00850	03.91	34.94	27.77			1480.5							
STD	00900	03.84	34.93	27.77	00.519		1481.0							
085	00900	03.84	34.93	27.77			1481.0							
085	00953	03.79	34.93	27.77			1481.7							
STD	01000	03.73	34.93	27.78	00.561		1482.2							
085	01001	03.73	34.93	27.78			1482.2							
085	01029	03.72	34.93	27.78			1482.6							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

H D O C S T A T I O N D A T A

REFID 31 8454 YEAR 1975 BOTOP 02743 AIR TEMP 06.5 DIR MGT PER WIND-DIR 14 INST STO RECORDER TEN SO 1306
 CONSEC 0005 MONTH 04 SNIP SV WET BULB 06.2 99 X X WIND-SPD 12 TRACE DIR 0 5 SQUARE 2
 LAT 42 27.1N DAY 09 DATA USE 1 BAROMETER 1004.0 SEA CL/TR WIND-FOR DURATION 00.4 2 SQUARE 26
 LONG 049 04.4W HOUR 05.4 AREA 05 CLOUD 7/A WEATHER X4 CRG CII 694 1 SQUARE 25

CASNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTE	SND VEL	DAYG	PD4	TOT 2	MO2	MO3	SI03	PH
05.4	STO	00000	02.10	33.35	26.70	00.000	1456.5							
	OBS	00001	02.10	33.39	26.70		1456.5							
	OBS	00005	02.05	33.37	26.65		1456.3							
	OBS	00009	01.64	33.35	26.70		1454.6							
	STO	00010	01.63	33.35	26.70	00.014	1454.5							
	OBS	00011	01.60	33.38	26.73		1454.5							
	OBS	00013	01.88	33.49	26.75		1455.9							
	OBS	00017	02.40	33.59	26.83		1458.4							
	OBS	00019	02.18	33.57	26.84		1457.4							
	STO	00020	01.56	33.56	26.84	00.026	1456.4							
	OBS	00022	01.41	33.52	26.85		1454.0							
	OBS	00024	01.10	33.49	26.85		1452.6							
	STO	00030	01.05	33.53	26.88	00.038	1452.5							
	OBS	00030	01.05	33.53	26.88		1452.5							
	OBS	00034	00.33	33.50	26.90		1445.3							
	OBS	00047	- 0.34	33.61	27.02		1446.6							
	STO	00050	- 0.31	33.61	27.02	00.061	1446.7							
	OBS	00051	- 0.30	33.62	27.03		1446.8							
	OBS	00053	- 0.28	33.64	27.04		1447.0							
	OBS	00055	- 0.08	33.75	27.12		1448.1							
	OBS	00060	02.28	33.92	27.11		1459.0							
	OBS	00074	02.30	33.95	27.13		1459.4							
	STO	00075	02.23	33.93	27.12	00.086	1459.0							
	OBS	00076	02.08	33.92	27.12		1458.4							
	OBS	00078	01.70	33.93	27.16		1456.8							
	OBS	00081	01.66	33.93	27.16		1456.6							
	OBS	00085	01.38	33.93	27.18		1455.5							
	OBS	00095	01.82	34.07	27.26		1457.8							
	STO	00100	01.92	34.05	27.27	00.108	1458.3							
	OBS	00100	01.54	34.05	27.27		1458.4							
	STO	00125	02.63	34.22	27.32	00.128	1462.0							
	OBS	00125	02.65	34.23	27.32		1462.1							
	OBS	00129	02.78	34.30	27.37		1462.8							
	OBS	00133	03.18	34.37	27.39		1464.7							
	OBS	00140	03.41	34.40	27.35		1465.5							
	OBS	00142	03.73	34.47	27.41		1467.4							
	STO	00150	03.88	34.49	27.41	00.146	1466.1							
	OBS	00150	03.89	34.45	27.41		1468.2							
	OBS	00175	04.17	34.60	27.47		1469.5							
	OBS	00168	04.15	34.62	27.45		1470.2							
	STO	00200	04.03	34.60	27.45	00.175	1469.7							
	OBS	00203	03.68	34.56	27.45		1468.3							
	OBS	00209	02.83	34.46	27.49		1464.6							
	OBS	00218	02.59	34.52	27.52		1465.5							
	OBS	00228	02.78	34.45	27.52		1464.7							
	OBS	00245	02.69	34.54	27.57		1464.8							
	STO	00250	02.74	34.55	27.57	00.208	1465.0							
	OBS	00253	02.56	34.59	27.58		1466.0							
	OBS	00255	03.03	34.58	27.57		1466.4							
	OBS	00266	03.73	34.72	27.61		1469.8							
	OBS	00277	03.97	34.76	27.62		1471.0							
	OBS	00281	04.71	34.86	27.62		1474.3							
	OBS	00293	04.72	34.85	27.61		1474.5							
	STO	00300	04.18	34.77	27.60	00.234	1472.3							
	OBS	00300	04.13	34.76	27.60		1472.0							
	OBS	00350	04.41	34.89	27.68		1474.2							
	STO	00400	04.49	34.92	27.69	00.283	1475.4							
	OBS	00401	04.49	34.92	27.69		1475.4							
	OBS	00453	04.58	34.56	27.71		1476.7							
	STO	00500	04.24	34.95	27.74	00.327	1476.0							
	OBS	00502	04.23	34.95	27.74		1476.0							
	OBS	00550	04.31	34.67	27.75		1477.2							
	STO	00600	04.15	34.95	27.75	00.365	1477.5							
	OBS	00605	04.18	34.95	27.75		1477.5							
	OBS	00652	04.06	34.95	27.76		1477.8							
	STO	00700	03.58	34.94	27.76	00.410	1478.3							
	OBS	00702	03.58	34.64	27.76		1478.3							
	OBS	00750	03.58	34.65	27.77		1479.1							
	STO	00800	03.97	34.95	27.77	00.452	1479.5							
	OBS	00801	03.57	34.55	27.77		1479.9							
	OBS	00850	03.65	34.55	27.77		1480.6							
	STO	00900	03.91	34.55	27.78	00.493	1481.3							
	OBS	00903	03.61	34.55	27.78		1481.3							
	OBS	00951	03.86	34.94	27.77		1481.5							
	STO	01000	03.82	34.94	27.78	00.535	1482.6							
	OBS	01001	03.82	34.64	27.78		1482.6							
	OBS	01027	03.79	34.64	27.78		1482.5							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

N D O C S T A T I O N O A T A

ESFIO 31 0454	YEAR 1975	BOATOP 02534	AIR TEMP 04.7	DIR HGT PEA	WIND-DIR 07	INST STO RECORDER	TEN SO 1306
CD455C 0006	MONTH 04	SHIP EV	WET GULB 04.7	99 A X	WIND-SPO 17	TRACE DIR 0	5 SQUARE 2
LAT 42 36.7N	DAY 09	OATA USE 1	BAROMETER 1002.8	SEA	WIND-FOR	DURATION 00.3	2 SQUARE 28
LONG 045 08 W	MOUR 07.4	AREA 05	CLOUD T/A	CL/TH	WEATHER X6	DRIC 011 695	1 SQUARE 29

CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VSL	DEYK	PO4	TOT Φ	MO2	MO3	SIO3	PH
07.4	STO	00003	01.15	33.16	28.58	00.000								1452.0
	OBS	00001	01.15	33.16	28.58									1452.0
	STO	00010	01.20	33.21	28.62	00.014								1452.4
	OBS	00011	01.21	33.22	28.62									1452.5
	STO	00020	01.12	33.32	28.71	00.028								1452.4
	OBS	00020	01.10	33.33	28.72									1452.3
	STO	00030	00.86	33.52	28.89	00.041								1451.6
	OBS	00030	00.85	33.53	28.90									1451.6
	STO	00050	01.19	33.78	27.06	00.063								1453.8
	OBS	00051	01.21	33.80	27.09									1454.0
	STO	00075	01.41	33.58	27.22	00.086								1455.5
	OBS	00076	01.42	33.59	27.23									1455.6
	STO	00100	01.68	34.25	27.42	00.105								1457.5
	OBS	00100	01.69	34.26	27.42									1457.5
	STO	00125	02.18	34.40	27.50	00.121								1460.3
	OBS	00125	02.19	34.40	27.50									1460.3
	STO	00150	02.07	34.42	27.53	00.138								1460.3
	OBS	00152	02.06	34.44	27.54									1460.3
	OBS	00156	02.28	34.47	27.55									1461.3
	OBS	00167	02.12	34.46	27.55									1460.8
	OBS	00175	02.86	34.56	27.57									1464.3
	OBS	00178	03.35	34.65	27.59									1466.6
	STO	00200	03.74	34.71	27.60	00.163								1468.7
	OBS	00201	03.77	34.71	27.60									1468.8
	OBS	00228	04.04	34.77	27.62									1470.5
	STO	00250	03.76	34.77	27.65	00.188								1469.7
	OBS	00251	03.75	34.77	27.65									1469.6
	OBS	00276	03.64	34.78	27.67									1469.6
	STO	00300	03.74	34.82	27.69	00.211								1470.5
	OBS	00302	03.75	34.82	27.69									1470.5
	OBS	00350	03.72	34.84	27.71									1471.2
	OBS	00367	03.73	34.84	27.71									1471.6
	STO	00400	03.55	34.89	27.72	00.254								1473.1
	OBS	00401	03.55	34.89	27.73									1473.1
	OBS	00454	03.65	34.86	27.73									1472.7
	STO	00500	03.55	34.87	27.75	00.255								1473.0
	OBS	00500	03.55	34.87	27.75									1473.0
	OBS	00550	03.66	34.89	27.76									1474.3
	STO	00600	03.87	34.92	27.76	00.335								1476.1
	OBS	00603	03.88	34.92	27.76									1476.2
	OBS	00652	03.53	34.94	27.77									1477.3
	STO	00700	03.91	34.94	27.77	00.375								1478.0
	OBS	00700	03.91	34.94	27.77									1478.0
	OBS	00751	03.89	34.94	27.77									1478.7
	STO	00800	03.82	34.94	27.78	00.416								1479.2
	OBS	00801	03.82	34.94	27.78									1479.3
	OBS	00852	03.79	34.93	27.77									1480.0
	STO	00900	03.79	34.94	27.78	00.457								1480.8
	OBS	00902	03.75	34.94	27.78									1480.8
	OBS	00953	03.77	34.93	27.78									1481.6
	STO	01000	03.68	34.92	27.78	00.498								1482.0
	OBS	01001	03.68	34.92	27.78									1482.0
	OBS	01024	03.63	34.91	27.77									1482.1

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

#FFIO 31	8454	YEAR 1975	BOTOP 02286	AIR TEMP 07.0	DIA HGT PER	WIND-OIR 15	INST STO RECORDER	TEN SG 1306
CONSEC	0007	MONTH 04	SHIP BY	WET BULB 07.0	45 2 4	WIND-SPD 11	TRACE OIR	5 SQUARE 2
LAT 42	45.2N	DAY 08	DATA USE 1	BAROMETR 1001.9	SEA	WIND-FDR	DURATION 00.4	2 SQUARE 26
LONG 049	11.2W	MOOR 05.2	AREA 05	CLCUO T/A	CL/TR	WEATHER X6	DRG 011 656	1 SQUARE 25

CASNUM/TIME	LYLTYP	DEPTH	TEMP	SAL	SIGMA-T	GYNDPTH	SND VEL	OXYG	PO4	TOT P	MO2	MO3	SIO3	PH
08.2	STO	00000	01.70	33.33	26.66	00.000	1454.6							
	085	00001	01.70	33.33	26.66		1454.7							
	STO	00010	01.64	33.35	26.70	00.014	1454.6							
	085	00011	01.62	33.35	26.70		1454.5							
	STO	00020	01.45	33.37	26.73	00.027	1453.9							
	085	00020	01.44	33.37	26.73		1453.9							
	STO	00030	01.41	33.46	26.80	00.040	1454.0							
	085	00030	01.41	33.46	26.80		1454.0							
	085	00034	01.41	33.46	26.80		1454.1							
	085	00040	01.28	33.48	26.83		1453.6							
	STO	00050	00.92	33.58	26.93	00.064	1452.3							
	085	00053	00.87	33.64	27.00		1452.3							
	085	00057	00.85	33.79	27.10		1452.4							
	085	00074	01.21	34.05	27.29		1454.7							
	STO	00075	01.33	34.08	27.31	00.088	1455.3							
	085	00076	01.48	34.12	27.33		1456.0							
	STO	00100	02.24	34.33	27.44	00.104	1460.1							
	085	00100	02.26	34.34	27.44		1460.2							
	STO	00125	02.51	34.46	27.52	00.121	1461.8							
	085	00125	02.51	34.46	27.52		1461.8							
	085	00133	02.49	34.46	27.52		1461.9							
	STO	00150	02.10	34.45	27.55	00.135	1460.4							
	085	00154	02.05	34.45	27.55		1460.3							
	085	00175	02.12	34.49	27.58		1461.0							
	STO	00200	02.15	34.52	27.59	00.162	1461.5							
	085	00201	02.16	34.52	27.60		1461.6							
	085	00226	02.49	34.59	27.62		1463.6							
	STO	00250	02.53	34.67	27.65	00.187	1466.0							
	085	00253	02.99	34.68	27.65		1466.3							
	085	00270	03.30	34.73	27.66		1468.0							
	085	00276	03.49	34.77	27.66		1468.9							
	STO	00300	03.74	34.84	27.71	00.205	1470.5							
	085	00300	03.75	34.84	27.71		1470.5							
	085	00352	04.31	34.52	27.71		1473.8							
	STO	00403	04.43	34.95	27.72	00.252	1475.2							
	085	00401	04.43	34.95	27.72		1475.2							
	085	00453	04.32	34.96	27.74		1475.6							
	STO	00500	04.27	34.96	27.75	00.294	1476.2							
	085	00500	04.27	34.96	27.75		1476.2							
	085	00552	04.16	34.96	27.76		1476.6							
	STO	00600	04.20	34.97	27.76	00.335	1477.5							
	085	00601	04.20	34.97	27.76		1477.6							
	085	00651	04.11	34.96	27.76		1478.0							
	STO	00700	04.06	34.96	27.77	00.375	1478.6							
	085	00702	04.06	34.96	27.77		1478.7							
	085	00750	03.97	34.95	27.77		1479.1							
	STO	00800	03.89	34.95	27.78	00.416	1479.6							
	085	00801	03.89	34.95	27.78		1479.6							
	085	00850	03.84	34.94	27.78		1480.2							
	STO	00900	03.79	34.93	27.77	00.457	1480.8							
	085	00900	03.79	34.93	27.77		1480.8							
	085	00953	03.75	34.93	27.78		1481.5							
	STO	01000	03.75	34.93	27.78	00.459	1482.3							
	085	01001	03.75	34.93	27.78		1482.3							
	085	01020	03.73	34.93	27.78		1482.5							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

N D O C S T A T I O N A O A T A

REF ID	31	8454	YEAR	1975	BOTOP	01737	AIR TEMP	05.5	OIR	HGT	PER	WIND-OIR	13	INST	STO	RECORDER	TEN	SO	1306	
CONSEC	0008		MONTH	04	SNIP	EV	WET BULB	05.3		36	2	3	WIND-SPD	14	TRACE	OIR	0	5	SQUARE	2
LA	42	54.0N	DAY	05	DATA	USE	1	BAROMETER	1000.6	SEA		WIND-FOR		OURATICA	00.3		2	SQUARE	28	
LONG	049	15.5W	MOUR	11.2	AREA	05		CLCUD	7/A	CL/TP		WEATHER	X6	ORIG	011	657		1	SQUARE	29

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	XYMPTH	SNO VEL	OXYG	PO4	TOT #	MO2	MO3	SIO3	PH
11.2	STO	C0000	02.59	33.33	26.61	00.000	1458.6							
	OBS	00001	02.59	33.33	26.61		1458.6							
	OBS	00003	02.55	33.33	26.61		1458.6							
	STO	00010	02.55	33.37	26.64	00.014	1458.8							
	OBS	00011	02.59	33.38	26.65		1458.8							
	STO	00020	02.56	33.43	26.69	00.028	1458.9							
	OBS	00020	02.50	33.45	26.70		1458.6							
	OBS	00026	01.83	33.44	26.76		1455.8							
	STO	00030	01.74	33.48	26.80	00.041	1455.5							
	OBS	00030	01.73	33.49	26.81		1455.5							
	OBS	00049	01.26	33.74	27.04		1454.1							
	STO	00050	01.26	33.77	27.06	00.064	1454.1							
	OBS	00051	01.27	33.84	27.12		1454.3							
	STO	00075	01.65	34.00	27.22	00.087	1456.6							
	OBS	00076	01.69	34.04	27.25		1456.6							
	OBS	00078	01.76	34.11	27.30		1457.3							
	OBS	00079	02.08	34.18	27.33		1458.8							
	OBS	00097	02.16	34.25	27.38		1459.5							
	OBS	00099	02.51	34.34	27.42		1461.2							
	STO	00100	02.54	34.35	27.43	00.106	1461.4							
	OBS	00102	02.61	34.36	27.43		1461.7							
	STO	00125	02.75	34.41	27.46	00.123	1462.8							
	OBS	00127	02.77	34.42	27.46		1462.9							
	OBS	00142	02.26	34.36	27.43		1460.9							
	STO	00150	02.21	34.39	27.49	00.138	1460.8							
	OBS	00150	02.21	34.39	27.45		1460.8							
	OBS	00175	02.42	34.49	27.55		1462.3							
	OBS	00178	02.67	34.51	27.55		1463.5							
	OBS	00154	02.71	34.52	27.55		1463.9							
	OBS	00198	02.30	34.50	27.57		1462.2							
	STO	00200	02.26	34.50	27.57	00.167	1462.1							
	OBS	00205	02.26	34.51	27.58		1462.1							
	OBS	00220	02.62	34.59	27.61		1464.0							
	OBS	00224	02.92	34.64	27.63		1465.5							
	OBS	00228	03.03	34.66	27.63		1466.0							
	OBS	00243	03.14	34.67	27.63		1466.6							
	STO	00250	03.36	34.71	27.64	00.192	1467.8							
	OBS	00253	03.44	34.72	27.64		1468.3							
	OBS	00268	03.62	34.76	27.66		1469.3							
	OBS	00274	03.88	34.79	27.65		1470.6							
	OBS	00277	03.91	34.83	27.68		1470.8							
	STO	00300	04.04	34.84	27.68	00.216	1471.7							
	OBS	00300	04.04	34.84	27.68		1471.6							
	OBS	00350	04.15	34.90	27.71		1473.1							
	STO	00400	04.09	34.91	27.73	00.260	1473.7							
	OBS	00403	04.09	34.91	27.73		1473.6							
	OBS	00451	04.04	34.92	27.74		1474.4							
	STO	00500	04.09	34.93	27.74	00.301	1475.4							
	OBS	00502	04.09	34.93	27.74		1475.4							
	OBS	00550	04.11	34.94	27.75		1476.3							
	STO	00600	04.15	34.95	27.75	00.343	1477.3							
	OBS	00601	04.15	34.95	27.75		1477.3							
	OBS	00651	04.09	34.95	27.76		1477.9							
	STO	00700	03.92	34.93	27.76	00.384	1478.0							
	OBS	00702	03.91	34.93	27.76		1478.0							
	OBS	00750	03.75	34.91	27.76		1478.1							
	STO	00800	03.59	34.90	27.77	00.425	1478.2							
	OBS	00801	03.59	34.90	27.77		1478.2							
	OBS	00850	03.75	34.93	27.78		1479.8							
	STO	00900	03.73	34.93	27.78	00.466	1480.5							
	OBS	00900	03.73	34.93	27.78		1480.5							
	OBS	00953	03.66	34.92	27.76		1481.1							
	STO	01000	03.58	34.91	27.78	00.507	1481.5							
	OBS	01001	03.57	34.91	27.78		1481.5							
	OBS	01024	03.45	34.89	27.78		1481.3							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

N C C C S T A T I O N D A T A

*EFIC 31 8454	YEAR 1975	BOTOP 00888	AIR TEMP 05.6	DIR HG7 PER	WIND-DIR 13	INST STO RECORDER	TEN SO 1306
CDHSEC 0005	MONTH 04	SHIP EV	WET BULB 05.5	18 2 4	WIND-SPO 11	TRACE DIR 0	5 SQUARE 2
LA* 43 05 N	DAY 09	DATA USE 1	BAROMETR 0984.0	SEA	WIND-FOR	DURATICA 00.5	2 SQUARE 26
LONG 049 18 W	HOUR 13.4	AREA 05	CLCUD T/A	CL/TR	WEATHER X6	DR LG 011 658 11	1 SQUARE 36

CASNUM/TIME	LVLTP	DEPTH	TEMP	S&L	SIGMA-T	DYNDPH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	S103	PH
13.4	STO	00000	03.98	33.71	26.79	00.000	1465.0							
	OBS	00000	03.98	33.71	26.75		1465.0							
	STO	00010	04.05	33.76	26.82	00.013	1465.6							
	OBS	00011	04.05	33.76	26.82		1465.6							
	STO	00020	04.00	33.76	26.82	00.025	1465.5							
	OBS	00020	03.99	33.76	26.82		1465.5							
	STO	00030	03.82	33.79	26.86	00.037	1464.9							
	OBS	00030	03.81	33.79	26.87		1464.9							
	STO	00050	03.75	33.61	26.96	00.060	1465.2							
	OBS	00053	03.74	33.93	26.98		1465.2							
	STO	00075	04.00	34.11	27.10	00.086	1466.9							
	OBS	00076	04.05	34.13	27.11		1467.1							
	OBS	00078	04.14	34.17	27.13		1467.6							
	OBS	00079	04.48	34.23	27.15		1469.1							
	OBS	00085	04.79	34.28	27.15		1470.8							
	OBS	00097	04.43	34.27	27.18		1469.3							
	STO	00100	04.31	34.22	27.15	00.110	1468.7							
	OBS	00100	04.27	34.20	27.14		1468.6							
	OBS	00102	04.62	34.44	27.27		1471.2							
	OBS	00104	04.59	34.45	27.25		1472.0							
	OBS	00114	04.87	34.44	27.27		1471.6							
	OBS	00116	04.52	34.42	27.29		1470.2							
	OBS	00119	04.27	34.39	27.29		1469.1							
	OBS	00123	03.84	34.36	27.32		1467.4							
	STO	00125	03.70	34.35	27.32	00.131	1466.8							
	OBS	00125	03.64	34.35	27.33		1466.5							
	OBS	00129	03.43	34.36	27.36		1465.7							
	OBS	00131	02.99	34.30	27.35		1463.8							
	OBS	00137	02.69	34.31	27.38		1462.6							
	OBS	00140	02.27	34.30	27.41		1460.8							
	STO	00150	02.19	34.30	27.42	00.150	1460.6							
	OBS	00150	02.19	34.30	27.42		1460.6							
	OBS	00175	02.74	34.47	27.51		1463.6							
	OBS	00188	01.94	34.42	27.53		1460.3							
	STO	00200	01.97	34.45	27.55	00.180	1460.7							
	OBS	00201	01.68	34.45	27.55		1460.7							
	OBS	00228	02.15	34.50	27.58		1462.0							
	STO	00250	02.26	34.54	27.60	00.207	1462.9							
	OBS	00251	02.26	34.54	27.60		1462.9							
	OBS	00276	02.15	34.53	27.61		1462.8							
	OBS	00297	02.62	34.62	27.64		1465.3							
	STO	00300	02.65	34.63	27.64	00.232	1465.5							
	OBS	00302	02.68	34.63	27.64		1465.7							
	OBS	00350	03.11	34.70	27.66		1468.4							
	STO	00403	03.28	34.75	27.68	00.278	1470.0							
	OBS	00403	03.29	34.75	27.68		1470.2							
	OBS	00451	03.46	34.80	27.70		1471.7							
	STO	00500	03.46	34.81	27.71	00.323	1472.6							
	OBS	00500	03.46	34.81	27.71		1472.6							
	OBS	00550	03.52	34.82	27.71		1473.7							
	STO	00600	03.52	34.83	27.72	00.366	1474.5							
	OBS	00603	03.52	34.83	27.72		1474.6							
	OBS	00651	03.54	34.84	27.73		1475.4							
	STO	00700	03.52	34.85	27.74	00.410	1476.2							
	OBS	00700	03.52	34.85	27.74		1476.2							
	OBS	00751	03.52	34.86	27.75		1477.1							
	STO	00800	03.50	34.86	27.75	00.452	1477.8							
	OBS	00801	03.50	34.86	27.75		1477.8							
	OBS	00850	03.50	34.87	27.76		1478.6							
	OBS	00883	03.50	34.86	27.75		1479.2							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOD STATION DATA

REFID 31	B454	YEAR 1975	BOTOP 00466	AIR TEMP 03.5	DIR HGT PER	WIND-OIR 23	INST STD RECORDER	TEN SQ 1306
CONSEC	0010	MONTH 04	SHIP EV	WET BULB 03.5	14 2 3	WIND-SPD 05	TRACE OIR	5 SQUARE 2
LAT 43	15.2N	DAY 05	DATA USE 1	BAROMETER 0998.4	SEA	WIND-FOR	CURATION 00.5	2 SQUARE 28
LONG 045	27.1W	MOOR 15.8	AREA 05	CLOUD T/A	CL/TR	WEATHER A4	DRG 011 659 10	1 SQUARE 35

CASTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	DAYG	PD4	TCT	MO2	MO3	SID3	PH
	STO	00000	00.08	32.83	26.37	00.000	1446.6							
15.8	DBS	00001	00.08	32.83	26.37		1446.7							
	STO	00010	- 0.22	32.87	26.42	00.016	1445.5							
	DBS	00011	- 0.28	32.88	26.43		1445.2							
	DBS	00015	- 0.47	32.84	26.41		1444.4							
	DBS	00019	- 1.09	32.52	26.49		1441.7							
	STO	00020	- 1.12	32.54	26.51	00.032	1441.5							
	DBS	00020	- 1.15	32.96	26.53		1441.5							
	STO	00030	- 1.12	33.06	26.61	00.047	1441.9							
	DBS	00030	- 1.12	33.07	26.62		1441.9							
	DBS	00032	- 1.26	33.10	26.64		1441.3							
	DBS	00047	- 1.02	33.29	26.79		1443.0							
	DBS	00049	- 0.03	33.35	26.83		1447.7							
	STO	00050	00.17	33.41	26.84	00.073	1448.7							
	DBS	00055	01.39	33.54	26.87		1454.5							
	DBS	00059	01.34	33.53	26.86		1454.3							
	DBS	00066	01.85	33.75	27.00		1457.2							
	DBS	00068	02.26	33.74	26.97		1458.8							
	STO	00075	02.72	33.85	27.01	00.102	1461.1							
	DBS	00076	02.91	33.85	27.00		1461.6							
	DBS	00078	03.32	33.84	26.55		1463.7							
	DBS	00081	03.53	33.88	26.56		1464.7							
	STO	00100	03.34	33.88	26.98	00.129	1464.2							
	DBS	00100	03.34	33.88	26.98		1464.2							
	DBS	00108	03.33	33.88	26.98		1464.3							
	DBS	00110	02.85	33.86	27.01		1462.2							
	DBS	00114	02.76	33.91	27.06		1462.0							
	DBS	00116	03.05	33.95	27.07		1463.3							
	STO	00125	03.48	34.07	27.12	00.154	1465.3							
	DBS	00125	03.51	34.08	27.13		1465.6							
	DBS	00131	04.75	33.77	27.05		1453.2							
	STO	00150	00.43	33.50	27.21	00.177	1452.3							
	DBS	00150	00.44	33.50	27.22		1452.3							
	DBS	00175	01.14	34.04	27.25		1456.0							
	DBS	00178	01.17	34.04	27.28		1456.2							
	DBS	00186	02.35	34.24	27.36		1461.8							
	STO	00200	02.87	34.32	27.38	00.217	1464.4							
	DBS	00201	02.85	34.33	27.38		1464.5							
	DBS	00226	01.92	34.28	27.42		1460.7							
	STO	00250	01.80	34.30	27.45	00.251	1460.5							
	DBS	00251	01.60	34.30	27.45		1460.6							
	DBS	00276	01.84	34.36	27.45		1461.2							
	STO	00300	02.09	34.45	27.54	00.282	1462.5							
	DBS	00300	02.10	34.45	27.55		1462.9							
	DBS	00350	02.42	34.56	27.61		1465.3							
	STO	00400	03.04	34.69	27.65	00.334	1468.9							
	DBS	00401	03.05	34.65	27.65		1469.0							
	DBS	00451	03.27	34.75	27.68		1470.5							
	DBS	00498	03.30	34.76	27.69		1471.1							

REFID 31	B454	YEAR 1975	BOTOP 00201	AIR TEMP 04.0	DIR HGT PER	WIND-OIR 26	INST STD RECORDER	TEN SQ 1306
CONSEC	0011	MONTH 04	SHIP EV	WET BULB 03.9	20 3 7	WIND-SPD 11	TRACE OIR	5 SQUARE 2
LAT 43	27.2N	DAY 05	DATA USE 1	BAROMETER 1003.7	SEA	WIND-FOR	DURATION 00.1	2 SQUARE 28
LONG 045	24.7W	MOOR 17.8	AREA 05	CLOUD T/A	CL/TR	WEATHER A4	DRG 011 700 12	1 SQUARE 35

CASTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	DAYG	PD4	TCT	MO2	MO3	SID3	PH
	STO	00000	00.55	32.89	26.40	00.000	1448.9							
17.8	DBS	00005	00.55	32.89	26.40		1449.0							
	STO	00010	00.41	32.84	26.38	00.016	1448.4							
	DBS	00011	00.36	32.84	26.37		1448.1							
	DBS	00015	00.21	32.79	26.34		1447.4							
	STO	00020	- 0.35	32.82	26.39	00.033	1445.0							
	DBS	00020	- 0.42	32.83	26.40		1444.7							
	STO	00030	- 0.57	32.93	26.50	00.045	1444.3							
	DBS	00030	- 0.58	32.95	26.50		1444.3							
	STO	00050	- 0.79	32.96	26.51	00.080	1443.6							
	DBS	00051	- 0.82	32.96	26.52		1443.5							
	DBS	00072	- 1.44	33.10	26.65		1441.1							
	STO	00075	- 1.42	33.11	26.65	00.116	1441.3							
	DBS	00076	- 1.41	33.11	26.66		1441.4							
	DBS	00096	- 1.30	33.30	26.61		1442.5							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATICA DATA

REFID 31 8454	YEAR 1975	BOTOP 00080	AIR TEMP 02.9	DIA HGT PER	WIND-DIR 27	INST STD RECORDER	TEN SQ 1306
CONSEC 0012	MONTH 04	SHIP EV	WET BULB 02.4	21 2 3	WIND-SPD 12	TRACE DIR 0	5 SQUARE 2
LAT 43 34.2N	DAY 05	DATA USE 1	BAROMETR 0954.0	SEA	WIND-FOR	DURATION 00.1	2 SQUARE 28
LONG 049 26 W	HOUR 15.2	AREA 05	CLOUD T/A	CL/TR	WEATHER X2	ORIG 011 701 10	1 SQUARE 36

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
19.2	STD	00000	02.19	32.40	25.90	00.000	1455.5							
	OBS	00001	02.19	32.40	25.90		1455.6							
	STD	00010	02.00	32.45	25.96	00.021	1454.9							
	OBS	00011	01.97	32.46	25.96		1454.8							
	OBS	00013	01.55	32.41	25.55		1452.9							
	OBS	00015	00.65	32.70	26.24		1449.3							
	STD	00020	00.52	32.87	26.35	00.035	1449.1							
	OBS	00020	00.33	32.91	26.43		1448.2							
	OBS	00022	- 0.25	32.99	26.52		1445.7							
	STD	00030	- 0.53	33.13	26.65	00.055	1444.7							
	OBS	00030	- 0.55	33.14	26.65		1444.7							
	STD	00050	- 0.69	33.18	26.65	00.082	1444.4							
	OBS	00051	- 0.70	33.18	26.69		1444.4							
	OBS	00070	- 0.86	33.22	26.73		1444.0							

REFID 31 8454	YEAR 1975	BOTOP 00053	AIR TEMP 02.9	DIA HGT PER	WIND-DIR 26	INST STD RECORDER	TEN SQ 1306
CONSEC 0013	MONTH 04	SHIP EV	WET BULB 02.8	29 2 3	WIND-SPD 20	TRACE DIR 0	5 SQUARE 2
LAT 43 43 N	DAY 09	DATA USE 1	BAROMETR 1000.5	SEA	WIND-FOR	DURATION 00.1	2 SQUARE 28
LONG 049 36.5W	HOUR 20.8	AREA 05	CLOUD T/A	CL/TR	WEATHER X0	ORIG 011 702 09	1 SQUARE 36

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
20.8	STD	00000	02.05	32.34	25.86	00.000	1454.8							
	OBS	00001	02.05	32.34	25.86		1454.9							
	STD	00010	02.06	32.35	25.87	00.021	1455.1							
	OBS	00011	02.06	32.35	25.87		1455.1							
	OBS	00015	01.92	32.32	25.86		1454.5							
	STD	00020	00.50	32.72	26.27	00.041	1448.8							
	OBS	00020	00.32	32.78	26.32		1448.0							
	STD	00030	00.06	32.98	26.50	00.057	1447.3							
	OBS	00030	00.05	32.99	26.50		1447.2							
	OBS	00040	- 0.10	33.02	26.54		1446.7							
	OBS	00045	- 0.10	33.03	26.54		1446.8							

REFID 31 8454	YEAR 1975	BOTOP 00100	AIR TEMP 02.6	DIA HGT PER	WIND-DIR 29	INST STD RECORDER	TEN SQ 1306
CONSEC 0014	MONTH 04	SHIP EV	WET BULB 02.4	29 2 2	WIND-SPD 10	TRACE DIR 0	5 SQUARE 2
LAT 43 42.8N	DAY 09	DATA USE 1	BAROMETR 1002.7	SEA	WIND-FOR	DURATION 00.1	2 SQUARE 26
LONG 049 30 W	HOUR 23.6	AREA 05	CLOUD T/A	CL/TR	WEATHER X2	ORIG 011 703	1 SQUARE 36

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
23.9	STD	00000	02.16	32.43	25.93	00.000	1455.5							
	OBS	00001	02.16	32.43	25.93		1455.5							
	STD	00010	02.13	32.44	25.94	00.021	1455.5							
	OBS	00013	02.12	32.45	25.95		1455.5							
	STD	00020	01.48	32.58	26.09	00.041	1453.0							
	OBS	00020	01.38	32.62	26.13		1452.6							
	OBS	00024	00.92	32.86	26.35		1450.9							
	STD	00030	00.48	32.95	26.45	00.058	1449.1							
	OBS	00030	00.43	32.94	26.46		1448.9							
	OBS	00036	- 0.12	33.06	26.57		1446.6							
	STD	00050	- 0.76	33.13	26.65	00.088	1444.0							
	OBS	00051	- 0.80	33.13	26.65		1443.8							
	OBS	00059	- 0.96	33.15	26.67		1443.2							
	STD	00075	- 0.90	33.18	26.70	00.123	1443.8							
	OBS	00076	- 0.90	33.18	26.70		1443.9							
	OBS	00095	- 0.89	33.19	26.70		1444.2							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

N O O C S T A T I O N D A T A

REFID 31 8454	YEAR 1975	BOTUP 00131	AIR TEMP 05.8	OTA HGT PER	WIND-DIR 25	INST STD RECORDER	TEN SO 1306
CONSEC 0015	MONTH 04	SHIP EV	WET BULB 04.3	00 A X	WIND-SPD 10	TRACE DIR 0	5 SQUARE 2
LAT 43 39 N	DAY 10	DATA USE 1	BAROMETR 1003.1	SEA	WIND-FDR	DURATION 00.1	2 SQUARE 28
LONG 045 28.54	HOOR 01.3	AREA 05	CLOUD T/A	CL/TR	WEATHER A0	CRIG 011 704	1 SQUARE 39

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SI03	PH
01.3	STO	00000	00.89	32.76	26.28	00.000	1450.2							
	OBS	00003	00.89	32.76	26.28		1450.3							
	OBS	00009	00.71	32.78	26.30		1449.6							
	STO	00010	00.50	32.78	26.32	00.017	1448.7							
	OBS	00011	00.07	32.82	26.37		1446.8							
	OBS	00013	- 0.14	32.52	26.46		1446.0							
	STO	00020	- 0.40	32.92	26.47	00.034	1444.9							
	OBS	00020	- 0.44	32.52	26.47		1444.7							
	OBS	00028	- 0.87	32.99	26.54		1442.5							
	STO	00030	- 0.90	32.58	26.54	00.045	1442.8							
	OBS	00030	- 0.91	32.58	26.54		1442.8							
	OBS	00040	- 1.14	33.04	26.59		1441.9							
	STO	00050	- 1.17	33.07	26.61	00.078	1442.0							
	OBS	00051	- 1.18	33.07	26.62		1442.0							
	STO	00075	- 1.31	33.14	26.67	00.114	1441.9							
	OBS	00076	- 1.31	33.14	26.68		1441.5							
	STO	00100	- 1.32	33.21	26.74	00.147	1442.3							
	OBS	00100	- 1.33	33.22	26.74		1442.3							
	OBS	00106	- 1.40	33.27	26.75		1442.1							
	OBS	00121	- 1.35	33.29	26.80		1442.5							

REFID 31 8454	YEAR 1975	BOTUP 00380	AIR TEMP	OTA HGT PER	WIND-DIR 25	INST STD RECORDER	TEN SO 1306
CONSEC 0018	MONTH 04	SHIP EV	WET BULB	00 A X	WIND-SPD 10	TRACE DIR 0	5 SQUARE 2
LAT 43 32.2N	DAY 10	DATA USE 1	BAROMETR 1002.0	SEA	WIND-FDR	DURATION 00.2	2 SQUARE 28
LONG 045 16 W	HOOR 04.2	AREA 05	CLOUD T/A	CL/TR	WEATHER 00	CRIG 011 705	1 SQUARE 39

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SI03	PH
04.2	STO	00000	- 0.13	32.86	26.41	00.000	1445.7							
	OBS	00001	- 0.13	32.86	26.41		1445.8							
	STO	00010	- 0.10	32.87	26.41	00.016	1446.0							
	OBS	00011	- 0.10	32.87	26.42		1446.1							
	STO	00020	- 0.12	32.88	26.42	00.032	1446.1							
	OBS	00020	- 0.14	32.88	26.43		1446.0							
	OBS	00026	- 0.34	32.85	26.44		1445.2							
	STO	00030	- 0.62	32.90	26.46	00.048	1444.0							
	OBS	00030	- 0.66	32.90	26.46		1443.8							
	STO	00050	- 1.19	32.55	26.55	00.079	1441.6							
	OBS	00051	- 1.21	33.00	26.56		1441.7							
	STO	00075	- 1.36	33.27	26.75	00.113	1441.8							
	OBS	00076	- 1.37	33.28	26.79		1441.8							
	OBS	00067	- 1.46	33.32	26.83		1441.6							
	STO	00100	- 1.37	33.37	26.86	00.144	1442.3							
	OBS	00100	- 1.36	33.37	26.87		1442.4							
	STO	00125	- 1.34	33.54	27.00	00.172	1443.1							
	OBS	00125	- 1.30	33.54	27.00		1443.3							
	OBS	00131	- 0.83	33.55	26.95		1445.6							
	OBS	00133	- 0.80	33.62	27.05		1445.9							
	OBS	00135	- 0.36	33.66	27.06		1448.0							
	OBS	00137	- 0.31	33.71	27.10		1448.3							
	OBS	00140	00.66	33.86	27.17		1453.0							
	OBS	00146	01.53	33.98	27.20		1457.2							
	OBS	00148	01.82	33.59	27.20		1458.5							
	STO	00150	02.16	34.02	27.20	00.197	1460.1							
	OBS	00152	02.70	34.08	27.20		1462.6							
	OBS	00158	04.20	34.29	27.22		1469.3							
	OBS	00169	03.22	34.16	27.22		1465.2							
	OBS	00171	03.54	34.22	27.23		1466.7							
	OBS	00177	04.81	34.38	27.23		1472.3							
	STO	00200	04.09	34.45	27.36	00.237	1465.8							
	OBS	00201	04.05	34.45	27.37		1469.6							
	OBS	00224	03.72	34.44	27.39		1468.6							
	OBS	00230	03.95	34.49	27.41		1469.7							
	STO	00250	03.93	34.45	27.41	00.274	1470.0							
	OBS	00251	03.92	34.45	27.41		1470.0							
	OBS	00253	03.91	34.45	27.41		1470.0							
	OBS	00258	03.61	34.46	27.42		1468.7							
	OBS	00276	03.29	34.41	27.41		1467.6							
	STO	00300	02.66	34.41	27.47	00.307	1465.3							
	OBS	00302	02.61	34.41	27.47		1465.1							
	OBS	00338	02.47	34.46	27.52		1465.2							
	OBS	00342	02.68	34.49	27.53		1466.2							
	OBS	00350	02.71	34.46 P	27.50 G									
	OBS	00361	02.66	34.48	27.52		1466.4							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REF ID	31	8454	YEAR	1975	BOTOP	01207	AIR TEMP	01.0	OIR	PGT	PER	WIND-OIR	35	INST	STO	RECORDR	TEM	SO	1306	
CONSEC		0317	MONTH	04	SHIP	EY	WET	BULB	00.0	14	2	2	WIND-SPD	08	TRACE	OIR	0	5	SQUARE	2
LA°	43	24.34	DAY	10	DATA	USE	1	BAROMETER	1001.5	SEA			WIND-FDR		DURATION		00.4	2	SQUARE	28
LONG	049	04.34	MOOR	07.1	AREA		05	CLCUD	T/A	CL/TR			WEATHER	X4	DRG	011	706	1	SQUARE	35

CAS7NUM/TIME	LVL7YP	DEPTH	TEMP	SAL	SIGMA-T	OYNOP7H	SHO VEL	OXYG	P04	TOT P	NO2	NC3	S103	PH
	\$70	C0000	04.28	33.76	26.79	00.000	1466.4							
07.1	085	00001	04.28	33.76	26.79		1466.4							
	\$70	00010	04.28	33.76	26.79	00.013	1466.5							
	085	00011	04.28	33.76	26.79		1466.6							
	\$70	00020	04.48	33.91	26.89	00.025	1467.7							
	085	00020	04.50	33.92	26.90		1467.8							
	\$70	00030	04.62	34.04	26.98	00.036	1468.7							
	085	00030	04.63	34.05	26.99		1468.7							
	\$70	00050	05.05	34.19	27.05	00.057	1470.9							
	085	00051	05.09	34.20	27.05		1471.2							
	\$70	00075	06.14	34.48	27.15	00.082	1476.2							
	085	00076	06.16	34.49	27.15		1476.3							
	\$70	00100	06.02	34.51	27.18	00.105	1476.2							
	085	00100	06.01	34.51	27.19		1476.1							
	\$70	00125	05.54	34.57	27.29	00.126	1474.7							
	085	00125	05.54	34.57	27.29		1474.7							
	\$70	00150	05.65	34.65	27.37	00.146	1475.9							
	085	00150	05.69	34.69	27.37		1475.9							
	085	00175	05.35	34.66	27.39		1474.9							
	085	00178	05.29	34.63	27.37		1474.7							
	085	00180	04.89	34.59	27.38		1473.0							
	\$70	00200	04.65	34.55	27.41	00.182	1472.3							
	085	00201	04.64	34.59	27.41		1472.3							
	085	00226	04.56	34.62	27.45		1472.4							
	\$70	00250	03.86	34.60	27.50	00.214	1485.8							
	085	00253	03.75	34.60	27.51		1469.6							
	085	00277	03.43	34.61	27.56		1468.5							
	\$70	00300	03.35	34.61	27.56	00.244	1468.5							
	085	00302	03.34	34.61	27.56		1468.5							
	085	00335	03.72	34.73	27.62		1470.8							
	085	00340	04.06	34.81	27.65		1472.5							
	085	00350	04.07	34.81	27.65		1472.7							
	\$70	00400	04.39	34.86	27.65	00.296	1474.9							
	085	00401	04.40	34.86	27.65		1475.0							
	085	00451	04.41	34.90	27.68		1475.5							
	\$70	00500	04.40	34.92	27.70	00.343	1476.7							
	085	00502	04.40	34.92	27.70		1476.7							
	085	00550	04.34	34.96	27.74		1477.3							
	\$70	00600	04.30	34.95	27.74	00.388	1478.0							
	085	00603	04.29	34.95	27.74		1478.0							
	085	00651	03.55	34.95	27.77		1477.5							
	\$70	00700	03.59	34.93	27.75	00.431	1478.3							
	085	00700	03.99	34.93	27.75		1478.3							
	085	00750	03.64	34.91	27.75		1478.5							
	\$70	00800	03.66	34.89	27.76	00.473	1478.5							
	085	00801	03.66	34.89	27.76		1478.5							
	085	00850	03.56	34.88	27.76		1478.9							
	\$70	00900	03.48	34.88	27.77	00.515	1475.4							
	085	00900	03.46	34.88	27.77		1479.4							
	085	00953	03.45	34.87	27.76		1480.1							
	\$70	01000	03.44	34.87	27.76	00.557	1480.9							
	085	01001	03.44	34.87	27.76		1480.9							
	085	01018	03.45	34.87	27.76		1481.2							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFID 31 0434	YEAR 1975	BO70P 02105	AIR TEMP 03.1	OIA HGT PER	WIND-OIA 02	INST STD RECORDER	TEM 50 1306
COMSEC 0018	MONTH 04	SHIP EV	WET SUL6 02.7	06 2 2	WIND-SPO 04	TRACE OIR 0	5 SQUARE 2
LAT 43 15.54	DAY 10	DATA USE 1	BAROMETA 1000.0	SEA	WIND-FOR	DURATION 00.3	2 SQUARE 28
LONG 048 47.34	MOOR 09.7	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG 011 707	1 SQUARE 36

CASSTUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYMOPTH	SNO VEL	ORYG	PO4	TOT P	MO2	MO3	S103	PH
09.7	STD	00000	01.50	33.27	26.62	00.000	1455.5							
	OBS	00001	01.90	33.27	26.62		1455.5							
	OBS	00009	01.87	33.26	26.61		1455.5							
	STD	00010	01.85	33.27	26.62	00.014	1455.4							
	OBS	00011	01.79	33.29	26.64		1455.2							
	STD	00020	01.24	33.37	26.74	00.028	1453.0							
	OBS	00020	01.19	33.38	26.75		1452.8							
	STD	00030	00.83	33.45	26.84	00.041	1451.4							
	OBS	00030	00.82	33.46	26.84		1451.4							
	OBS	00043	00.65	33.66	27.01		1451.1							
	STD	00050	00.66	33.71	27.05	00.063	1451.3							
	OBS	00051	00.67	33.72	27.06		1451.4							
	STD	00075	00.52	34.02	27.28	00.086	1453.3							
	OBS	00076	00.53	34.03	27.29		1453.4							
	STD	00100	01.30	34.16	27.37	00.105	1455.7							
	OBS	00100	01.32	34.17	27.38		1455.8							
	STD	00125	01.84	34.43	27.55	00.121	1456.8							
	OBS	00125	01.85	34.43	27.55		1456.9							
	STD	00150	02.03	34.46	27.56	00.134	1460.1							
	OBS	00150	02.03	34.46	27.56		1460.1							
	OBS	00175	02.29	34.53	27.59		1461.8							
	STD	00200	02.84	34.65	27.64	00.160	1464.7							
	OBS	00201	02.86	34.65	27.64		1464.9							
	OBS	00205	02.85	34.65	27.64		1465.0							
	OBS	00226	03.63	34.75	27.65		1468.7							
	STD	00250	03.52	34.75	27.66	00.183	1468.6							
	OBS	00251	03.52	34.75	27.66		1468.6							
	OBS	00261	03.43	34.79	27.68		1469.7							
	STD	00300	03.66	34.81	27.69	00.206	1470.1							
	OBS	00300	03.66	34.81	27.69		1470.1							
	OBS	00331	03.82	34.87	27.72		1471.4							
	OBS	00342	04.20	34.92	27.72		1473.2							
	OBS	00352	04.24	34.92	27.72		1473.6							
	STD	00400	04.42	34.95	27.72	00.245	1475.1							
	OBS	00401	04.42	34.95	27.72		1475.2							
	OBS	00491	04.29	34.95	27.74		1475.4							
	STD	00500	04.18	34.95	27.75	00.251	1475.8							
	OBS	00500	04.18	34.95	27.75		1475.8							
	OBS	00550	04.11	34.94	27.75		1476.3							
	STD	00600	04.16	34.97	27.77	00.331	1477.4							
	OBS	00601	04.16	34.97	27.77		1477.4							
	OBS	00651	04.16	34.97	27.77		1478.2							
	STD	00700	04.03	34.94	27.76	00.372	1478.4							
	OBS	00702	04.02	34.94	27.76		1478.5							
	OBS	00750	03.90	34.94	27.77		1478.7							
	STD	00800	03.66	34.91	27.77	00.413	1478.5							
	OBS	00803	03.65	34.91	27.77		1478.5							
	OBS	00852	03.59	34.90	27.77		1479.1							
	STD	00900	03.48	34.85	27.77	00.454	1479.4							
	OBS	00900	03.48	34.85	27.77		1479.4							
	OBS	00953	03.43	34.89	27.78		1480.1							
	STD	01000	03.43	34.89	27.78	00.495	1480.9							
	OBS	01001	03.43	34.89	27.78		1480.9							
	OBS	01016	03.43	34.89	27.78		1481.1							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOCC STATION DATA

FEF10 31 8454	YEAR 1975	BOTDP 02758	AIR TEMP 07.8	OJR HGT PER	WIND-OIR 04	INST STO RECORDER	TEM SQ 1306
CONSEC 0019	MONTH 04	SHIP EV	NET BUL6 06.0	12 1 2	WIND-SPO 14	TRACE OIR 0	5 SQUARE 2
LA* 43 02.2M	DAY 10	DATA USE 1	BAROMETR 0994.5	SEA	WIND-FOR	DURATION 00.5	2 SQUARE 28
LONG 046 26.5W	HOOR 12.4	AREA 05	CLOUD T/A	CL/TR	WEATHER X2	DRG 011 708 13	1 SQUARE 38

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTN	SNO VEL	OXYG	P04	TOT P	M02	M03	S103	PH
12.4	STO	00000	05.31	34.00	26.87	00.000	1471.0							
	085	00001	05.31	34.00	26.87		1471.0							
	STO	00010	05.38	34.03	26.88	00.012	1471.4							
	085	00013	05.41	34.03	26.88		1471.6							
	085	00017	05.38	34.03	26.88		1471.6							
	085	00019	04.95	33.98	26.89		1469.8							
	STO	00020	04.87	33.97	26.90	00.024	1469.4							
	085	00020	04.81	33.97	26.90		1469.2							
	085	00022	04.71	34.00	26.94		1468.9							
	085	00024	04.47	33.99	26.96		1467.6							
	STO	00030	04.31	34.03	27.00	00.035	1467.3							
	085	00030	04.30	34.03	27.01		1467.3							
	STO	00050	04.47	34.08	27.03	00.056	1468.4							
	085	00051	04.44	34.05	27.03		1468.9							
	STO	00075	05.08	34.25	27.13	00.081	1471.6							
	085	00076	05.11	34.30	27.13		1471.8							
	STO	00100	04.24	34.33	27.25	00.103	1468.6							
	085	00100	04.21	34.33	27.25		1468.5							
	085	00102	04.05	34.43	27.26		1471.3							
	085	00112	04.67	34.41	27.27		1470.7							
	085	00116	04.31	34.38	27.28		1469.2							
	STO	00125	04.66	34.45	27.33	00.123	1471.0							
	085	00125	04.68	34.49	27.33		1471.1							
	085	00131	04.49	34.50	27.36		1470.4							
	STO	00150	04.86	34.59	27.39	00.142	1472.3							
	085	00152	04.86	34.60	27.40		1472.4							
	085	00175	04.41	34.59	27.44		1470.6							
	085	00177	04.31	34.57	27.43		1470.5							
	085	00196	03.36	34.50	27.47		1466.7							
	STO	00200	03.37	34.51	27.48	00.175	1466.8							
	085	00201	03.38	34.52	27.49		1466.9							
	085	00220	03.70	34.60	27.52		1468.7							
	085	00222	03.57	34.58	27.52		1468.1							
	085	00226	03.63	34.60	27.53		1468.5							
	085	00241	03.92	34.63	27.52		1470.0							
	085	00243	04.16	34.70	27.55		1471.2							
	STO	00250	04.32	34.72	27.55	00.205	1471.9							
	085	00251	04.34	34.72	27.55		1472.0							
	085	00276	04.54	34.76	27.56		1473.3							
	085	00279	04.46	34.78	27.58		1473.2							
	STO	00300	04.75	34.82	27.58	00.233	1474.7							
	085	00300	04.76	34.82	27.58		1474.7							
	085	00350	04.88	34.93	27.66		1476.2							
	STO	00400	04.91	34.97	27.68	00.284	1477.2							
	085	00401	04.91	34.97	27.68		1477.2							
	085	00424	04.63	34.95	27.70		1476.4							
	085	00453	04.59	34.95	27.70		1476.7							
	STO	00500	04.41	34.96	27.73	00.329	1476.8							
	085	00500	04.41	34.96	27.73		1476.8							
	085	00552	04.43	34.98	27.75		1477.7							
	STO	00600	04.31	34.96	27.74	00.372	1478.0							
	085	00601	04.31	34.96	27.74		1478.0							
	085	00652	04.24	34.97	27.76		1478.6							
	STO	00700	04.16	34.96	27.76	00.414	1479.0							
	085	00721	04.12	34.96	27.76		1479.2							
	085	00725	04.13	34.96	27.76		1479.3							
	085	00727	04.11	34.96	27.76		1479.3							
	085	00750	04.07	34.95	27.76		1479.5							
	STO	00800	03.99	34.95	27.77	00.456	1480.0							
	085	00803	03.99	34.95	27.77		1480.0							
	085	00850	03.93	34.94	27.77		1480.6							
	STO	00900	03.91	34.94	27.77	00.457	1481.3							
	085	00951	03.88	34.95	27.78		1482.0							
	085	00970	04.16	34.98	27.77		1483.6							
	085	00977	03.91	34.96	27.79		1482.6							
	STO	01000	03.84	34.95	27.78	00.535	1482.7							
	085	01001	03.84	34.95	27.78		1482.7							
	085	01024	03.62	34.95	27.79		1483.0							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA														
REFID 31	B-54	YEAR 1975	80TOP 03404	AIR TEMP 09.1	DIA HGT PER	WIND-DIR 05	INST STD RECORDER	TEN SO 1308						
CONSEC	0020	MONTH 04	8-1P EY	NET SULS 07.1	15 2 3	WIND-SPD 10	TRACE DIR 0	5 SQUARE 2						
LAT 42 47.1N		DAY 10	DATA USE 1	BARCHMET 0991.8	SEA	WIND-FOR	DURATION 00.4	2 SQUARE 26						
LONG 04E 02 W		HOOR 15.9	AREA 05	CLOUD T/A	CL/TR	WEATHER R1	ORIG 011 705 10	1 SQUARE 28						
									0	00.4	10	2	1	
CASNUM/TIME	LYLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTM	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STO	00000	03.36	33.09	26.35	00.000	1461.6							
15.9	085	00003	03.36	33.09	26.35		1461.6							
	085	00005	03.38	33.05	26.35		1461.7							
	STO	00010	03.04	33.06	26.36	00.017	1460.3							
	085	00011	02.93	33.05	26.36		1459.8							
	085	00013	03.07	33.21	26.47		1460.7							
	085	00017	00.99	33.03	26.49		1451.3							
	085	00019	00.74	33.16	26.61		1450.4							
	STO	00020	03.77	33.16	26.60	00.032	1450.6							
	085	00020	00.60	33.16	26.60		1450.7							
	085	00024	- 0.37	33.12	26.63		1445.4							
	085	00028	- 0.97	33.12	26.65		1442.7							
	STO	00030	- 1.00	33.21	26.72	00.046	1442.7							
	085	00030	- 1.01	33.24	26.75		1442.7							
	085	00047	- 1.23	33.41	26.89		1442.2							
	STO	00050	- 1.15	33.45	26.93	00.071	1442.6							
	085	00051	- 1.07	33.47	26.94		1443.1							
	085	00055	- 0.69	33.48	26.93		1444.9							
	085	00059	- 0.90	33.50	26.96		1444.0							
	085	00060	- 0.75	33.57	27.01		1444.8							
	085	00064	00.72	33.65	27.00		1451.8							
	085	00066	00.90	33.73	27.05		1452.7							
	085	00068	00.99	33.75	27.06		1453.2							
	085	00070	00.87	33.78	27.10		1452.7							
	085	00074	01.60	33.94	27.17		1456.3							
	STO	00075	01.47	33.94	27.18	00.056	1455.7							
	085	00079	01.33	33.94	27.19		1455.2							
	085	00083	02.07	34.01	27.20		1458.6							
	085	00091	04.99	34.39	27.21		1471.7							
	085	00093	05.27	34.42	27.21		1472.9							
	STO	00100	05.21	34.43	27.22	00.118	1472.8							
	085	00100	05.20	34.45	27.24		1472.8							
	085	00104	06.36	34.62	27.23		1477.7							
	085	00110	06.78	34.76	27.28		1479.7							
	085	00112	07.15	34.62	27.28		1481.2							
	085	00123	07.34	34.82	27.25		1482.2							
	STO	00125	07.20	34.75	27.25	00.140	1481.6							
	085	00125	07.13	34.78	27.25		1481.3							
	085	00131	06.18	34.65	27.27		1477.5							
	085	00142	05.66	34.58	27.28		1475.5							
	085	00146	05.31	34.52	27.28		1474.1							
	STO	00150	04.72	34.45	27.30	00.161	1471.6							
	085	00154	03.78	34.34	27.31		1467.6							
	085	00158	02.74	34.21	27.30		1463.0							
	085	00161	02.61	34.19	27.30		1462.5							
	085	00165	02.02	34.15	27.31		1459.9							
	085	00175	01.99	34.25	27.39		1460.1							
	085	00180	03.65	34.48	27.43		1467.7							
	085	00190	05.13	34.65	27.44		1474.3							
	085	00194	05.37	34.74	27.45		1475.4							
	STO	00200	04.85	34.68	27.46	00.157	1473.3							
	085	00201	04.84	34.66	27.45		1473.2							
	085	00209	05.56	34.84	27.50		1476.5							
	085	00217	05.78	34.87	27.50		1477.6							
	085	00222	06.65	35.02	27.51		1481.3							
	085	00226	06.65	35.02	27.51		1481.4							
	085	00236	06.65	35.02	27.51		1481.5							
	085	00241	06.17	34.97	27.53		1479.7							
	085	00243	06.19	34.96	27.52		1475.8							
	085	00245	05.97	34.91	27.51		1478.5							
	STO	00250	05.06	34.81	27.54	00.228	1475.1							
	085	00253	04.66	34.76	27.55		1473.5							
	085	00260	04.63	34.75	27.54		1473.4							
	085	00262	04.34	34.69	27.53		1472.2							
	085	00276	04.16	34.70	27.55		1471.7							
	STO	00300	04.30	34.77	27.59	00.256	1472.8							
	085	00300	04.31	34.77	27.59		1472.8							
	085	00336	04.57	34.84	27.62		1474.6							
	085	00346	04.84	34.87	27.61		1475.5							
	085	00350	04.77	34.87	27.62		1475.7							
	085	00384	04.74	34.92	27.66		1476.2							
	085	00397	04.16	34.84	27.66		1473.9							
	STO	00400	04.18	34.85	27.67	00.307	1474.0							
	085	00403	04.22	34.86	27.67		1474.2							
	085	00451	04.43	34.93	27.71		1476.0							
	STO	00500	04.42	34.94	27.71	00.353	1476.8							
	085	00500	04.42	34.94	27.71		1476.8							
	085	00550	04.42	34.95	27.72		1477.6							
	STO	00600	04.29	34.95	27.74	00.397	1477.9							
	085	00601	04.29	34.95	27.74		1477.5							
	085	00651	04.20	34.95	27.75		1478.4							
	STO	00700	04.18	34.96	27.76	00.435	1479.1							
	085	00700	04.18	34.96	27.76		1479.1							
	085	00750	04.11	34.96	27.76		1479.7							
	STO	00800	04.06	34.95	27.76	00.482	1480.3							
	085	00801	04.06	34.95	27.76		1480.3							
	085	00852	04.11	34.97	27.77		1481.4							
	STO	00900	04.02	34.95	27.77	00.524	1481.8							
	085	00900	04.02	34.95	27.77		1481.8							
	085	00951	03.55	34.95	27.77		1482.3							
	STO	01000	03.65	34.95	27.78	00.567	1482.7							
	085	01001	03.65	34.95	27.78		1482.7							
	085	01024	03.90	34.95	27.78		1483.3							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFID 31 8454 YEAR 1975 BOTOP 03037 AIR TEMP 06.2 DIR PGT PER WIND-OIA 15 INST STC RECORDER TEN SO 1306
 CONSEC 0321 NGMTM 04 SHIP EV WET BULB 05.2 15 2 4 WIND-SPO 15 TRACE OIA 0 5 SQUARE 2
 LAT 42 37 N DAY 10 DATA USE 1 BAROMETER 0987.1 SEA WIND-FOR DURATION 00.5 2 SQUARE 26
 LONG 047 44.8W HOUR 18.7 AREA 05 CLOUD T/A CL/TR WEATHER 12 ORIG 011 710 08 1 SQUARE 27

CASNUM/TIME	LVL/TP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	DRYG	PO4	TOT P	NO2	NO3	SIO3	PH
18.7	STO	00000	02.00	32.92	26.33	00.000	1455.4							
	085	00001	02.00	32.92	26.33		1455.4							
	085	00003	01.59	32.88	26.33		1453.6							
	085	00007	02.90	33.18	26.47		1459.8							
	STO	00010	04.51	33.37	26.46	00.016	1467.0							
	085	00011	04.84	33.42	26.46		1468.4							
	085	00015	03.48	33.32	26.52		1462.6							
	085	00017	02.85	33.30	26.57		1459.9							
	STO	00020	03.27	33.38	26.59	00.032	1461.9							
	085	00024	03.90	33.50	26.63		1464.8							
	085	00028	04.38	33.59	26.65		1467.0							
	STO	00030	02.56	33.40	26.67	00.046	1459.0							
	085	00030	02.18	33.36	26.67		1457.3							
	085	00032	02.02	33.36	26.68		1456.6							
	085	00038	- 1.02	33.30	26.80		1442.8							
	085	00040	- 1.21	33.28	26.79		1441.9							
	085	00043	00.71	33.46	26.85		1451.1							
	STO	00050	00.65	33.55	26.92	00.071	1451.1							
	085	00051	00.64	33.55	26.92		1451.0							
	085	00059	- 0.93	33.48	26.94		1443.8							
	085	00064	- 0.19	33.60	27.01		1447.5							
	085	00066	00.09	33.62	27.01		1448.5							
	085	00070	00.35	33.69	27.05		1450.2							
	085	00074	01.38	33.76	27.05		1455.0							
	STO	00075	01.33	33.75	27.04	00.098	1454.8							
	085	00075	01.04	33.72	27.04		1453.6							
	085	00097	00.74	33.81	27.13		1452.6							
	085	00095	00.87	33.82	27.13		1453.2							
	STO	00100	01.05	33.84	27.13	00.123	1454.1							
	085	00104	01.67	33.92	27.15		1457.0							
	085	00119	01.33	33.96	27.21		1455.8							
	085	00123	01.60	34.00	27.22		1457.2							
	STO	00125	01.51	34.00	27.23	00.145	1456.8							
	085	00125	01.48	34.00	27.23		1456.7							
	085	00131	01.71	34.09	27.29		1457.5							
	085	00137	02.52	34.18	27.30		1461.7							
	085	00139	02.55	34.19	27.30		1461.8							
	085	00144	03.63	34.38	27.35		1466.8							
	085	00146	03.61	34.29 P	27.280*									
	STO	00150	04.07	34.49	27.40	00.165	1466.9							
	085	00156	04.60	34.57	27.40		1471.4							
	085	00173	04.12	34.48	27.38		1469.5							
	085	00177	02.87	34.35	27.40		1464.1							
	085	00186	02.83	34.37	27.42		1464.1							
	085	00198	03.20	34.41	27.42		1465.5							
	STO	00200	02.46	34.30	27.40	00.200	1462.8							
	085	00201	01.98	34.23	27.38		1460.4							
	085	00211	02.04	34.36	27.48		1461.0							
	085	00218	03.18	34.78	27.50		1475.0							
	085	00226	05.17	34.79	27.51		1475.2							
	085	00234	04.18	34.65	27.51		1471.0							
	085	00236	03.54	34.60	27.50		1469.5							
	085	00243	02.91	34.48	27.50		1465.5							
	STO	00250	02.75	34.49	27.52	00.232	1465.1							
	085	00251	02.70	34.49	27.53		1464.8							
	085	00255	02.33	34.46	27.53		1463.2							
	085	00276	02.19	34.46	27.55		1462.9							
	085	00293	02.42	34.50	27.56		1464.2							
	STO	00300	04.35	34.80	27.61	00.260	1473.0							
	085	00300	04.53	34.83	27.62		1473.8							
	085	00329	04.63	34.87	27.61		1475.6							
	085	00333	04.60	34.84	27.62		1474.6							
	085	00348	04.53	34.92	27.64		1476.4							
	085	00350	04.93	34.52	27.64		1476.4							
	085	00362	05.19	34.59	27.67		1478.1							
	STO	00400	04.88	34.55	27.67	00.310	1477.0							
	085	00403	04.83	34.54	27.67		1476.9							
	085	00453	04.67	34.96	27.70		1477.1							
	STO	00500	04.55	34.96	27.72	00.336	1477.3							
	085	00500	04.55	34.96	27.72		1477.4							
	085	00550	04.34	34.95	27.73		1477.3							
	STO	00600	04.24	34.54	27.73	00.400	1477.7							
	085	00601	04.24	34.94	27.73		1477.7							
	085	00651	04.12	34.94	27.75		1478.0							
	STO	00700	04.00	34.93	27.75	00.443	1478.3							
	085	00700	04.00	34.93	27.75		1478.3							
	085	00731	03.90	34.91	27.75		1478.7							
	STO	00800	03.81	34.51	27.76	00.485	1479.2							
	085	00801	03.81	34.91	27.76		1479.2							
	085	00850	03.75	34.90	27.75		1479.7							
	STO	00900	03.73	34.50	27.76	00.528	1480.5							
	085	00902	03.73	34.50	27.76		1480.5							
	085	00951	03.63	34.85	27.76		1480.9							
	STO	01000	03.47	34.87	27.76	00.571	1481.0							
	085	01001	03.47	34.87	27.76		1481.0							
	085	01018	03.47	34.87	27.76		1481.3							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

N O D C S T A T I O N O A T A

REFIC 31 8454	YEAR 1975	BO TOP 03812	47A TEMP 12.5	OIR MGT PER	WIND-OIR 17	INST STD RECORDER	TEN SQ 1306
CONSEC 0022	MONTH 04	SHIP EV	WET BULB 11.5	26 2 3	WIND-SPD 11	TRACE OIR 0	5 SQUARE 2
LAT 42 23.5N	DAY 10	DATA USE 1	BAROMETER 0898.6	SEA	WIND-FDR	DURATION 00.4	2 SQUARE 26
LONG 047 22.5d	MOJA 22.1	AREA 05	CLOUD T/A	CL/T#	WEATHER 21	DRIF 011 711	1 SQUARE 27

CSTN#	TIME	LVL	DEPTH	TEMP	S&L	SIGMA-T	DYNOPH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
		STO	00000	11.27	34.84	26.82	00.000	1494.7							
22.1		OBS	00001	11.27	34.84	26.82		1454.8							
		STO	00010	11.29	34.87	26.84	00.014	1455.0							
		OBS	00011	11.29	34.91	26.87		1455.1							
		OBS	00017	11.78	35.19	26.80		1457.2							
		OBS	00019	12.36	35.44	26.88		1459.6							
		STO	00020	12.63	35.51	26.88	00.027	1500.6							
		OBS	00024	13.48	35.75	26.89		1503.8							
		STO	00030	13.62	35.78	26.89	00.035	1504.4							
		OBS	00030	13.63	35.78	26.88		1504.4							
		STO	00053	13.64	35.78	26.88	00.063	1504.8							
		OBS	00051	13.64	35.78	26.88		1504.8							
		STO	00075	13.47	35.74	26.89	00.093	1504.6							
		OBS	00076	13.46	35.74	26.89		1504.6							
		OBS	00065	13.11	35.64	26.88		1503.6							
		STO	00100	12.87	35.58	26.89	00.123	1502.8							
		OBS	00100	12.83	35.57	26.89		1502.7							
		STO	00125	12.48	35.54	26.94	00.152	1501.9							
		OBS	00129	12.44	35.54	26.94		1501.8							
		STO	00150	12.31	35.52	26.95	00.181	1501.7							
		OBS	00150	12.31	35.52	26.95		1501.7							
		OBS	00152	12.37	35.53	26.95		1501.9							
		OBS	00159	11.87	35.45	26.98		1500.2							
		OBS	00163	11.62	35.37	26.97		1499.3							
		OBS	00175	11.60	35.39	26.99		1499.4							
		STO	00200	11.52	35.40	27.01	00.238	1459.6							
		OBS	00201	11.50	35.40	27.01		1499.5							
		OBS	00226	11.02	35.36	27.07		1458.2							
		OBS	00249	10.50	35.33	27.14		1456.7							
		STO	00251	10.44	35.31	27.14	00.290	1496.5							
		OBS	00251	09.77	35.14	27.12		1463.6							
		OBS	00264	08.64	35.00	27.20		1469.7							
		OBS	00270	07.85	34.83	27.18		1466.6							
		OBS	00277	07.80	34.86	27.21		1466.5							
		OBS	00279	07.74	34.84	27.21		1466.3							
		OBS	00283	06.58	34.72	27.22		1463.3							
		OBS	00297	06.64	34.74	27.24		1463.3							
		STO	00300	06.74	34.69	27.23	00.338	1482.5							
		OBS	00300	06.70	34.68	27.23		1482.4							
		OBS	00308	06.65	34.72	27.27		1482.4							
		OBS	00317	05.45	34.53	27.27		1477.5							
		OBS	00319	05.45	34.54	27.28		1477.5							
		OBS	00327	04.59	34.46	27.27		1475.6							
		OBS	00350	05.15	34.51	27.29		1476.9							
		OBS	00357	05.65	34.66	27.35		1479.1							
		OBS	00367	06.39	34.78	27.35		1482.4							
		OBS	00371	06.49	34.76	27.3208									
		OBS	00378	07.07	34.92	27.37		1485.4							
		OBS	00380	07.17	34.92	27.35		1485.6							
		OBS	00380	07.17	34.92	27.35		1485.5							
		OBS	00390	07.03	34.92	27.37		1485.5							
		OBS	00397	07.28	35.01	27.41		1486.7							
		STO	00400	07.08	34.98	27.41	00.420	1485.9							
		OBS	00411	06.39	34.86	27.41		1483.2							
		OBS	00426	06.40	34.87	27.42		1483.5							
		OBS	00447	05.49	34.80	27.48		1480.1							
		OBS	00451	05.45	34.79	27.48		1480.0							
		OBS	00466	05.16	34.76	27.49		1479.0							
		OBS	00470	04.93	34.75	27.51		1478.1							
		STO	00500	05.23	34.83	27.54	00.488	1475.8							
		OBS	00500	05.20	34.83	27.54		1479.9							
		OBS	00552	05.54	34.93	27.58		1482.2							
		STO	00600	05.24	34.92	27.61	00.547	1481.8							
		OBS	00605	05.20	34.92	27.61		1481.7							
		OBS	00651	04.86	34.95	27.67		1481.1							
		STO	00700	04.76	34.98	27.71	00.599	1481.6							
		OBS	00702	04.76	34.98	27.71		1481.6							
		OBS	00750	04.68	34.97	27.71		1482.0							
		STO	00800	04.57	34.98	27.73	00.646	1482.4							
		OBS	00803	04.56	34.98	27.73		1482.4							
		OBS	00852	04.47	34.99	27.75		1482.5							
		STO	00900	04.42	34.98	27.75	00.652	1483.5							
		OBS	00900	04.42	34.98	27.75		1483.5							
		OBS	00951	04.35	34.98	27.76		1484.0							
		STO	01000	04.27	34.98	27.78	00.737	1484.5							
		OBS	01001	04.27	34.98	27.78		1484.5							
		OBS	01024	04.20	34.97	27.76		1484.6							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

N O D C S T A T I O N O A Y A

REFID 31 8454 YEAR 1975 8070P 04350 AIR TEMP 11.1 OJA HGT PER WIND-OJA 17 INST STO RECDROER TEN SO 1306
 CONSEC 0023 MONTH 04 SHIP EV WET BULB 10.1 16 3 4 WIND-SPO 06 TRACE OJA C 5 SQUARE 2
 LAT 42 10.74 DAY 11 DATA USE 1 84FOMETA 0597.0 SEA CL/TR WIND-FOR DURATION 00.3 2 SQUARE 26
 LONG 046 58.50 HOUR 01.5 AREA 05 CLOUD T/A WEATHER #2 ORIG 011 712 1 SQUARE 26

CASTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGNA-T	DYNDPH	SNO VEL	DRYC	PD4	TOT 2	MG2	N03	S103	PH
01.5	STO	C0000	09.59	34.17	26.39	00.000	1487.8							
	OBS	00007	09.59	34.17	26.39		1487.9							
	STO	00010	09.59	34.17	26.39	00.016	1488.0							
	OBS	00013	09.59	34.17	26.39		1488.0							
	STO	00020	09.63	34.26	26.46	00.033	1488.4							
	OBS	00022	09.63	34.27	26.46		1488.4							
	OBS	00022	09.46	34.25	26.48		1487.8							
	OBS	00028	09.03	34.20	26.51		1486.3							
	STO	00030	08.94	34.20	26.52	00.048	1485.9							
	OBS	00030	08.91	34.20	26.53		1485.8							
	OBS	00038	08.28	34.10	26.55		1483.4							
	OBS	00040	08.12	34.10	26.57		1482.9							
	OBS	00043	09.56	34.58	26.72		1485.0							
	OBS	00045	09.56	34.58	26.72		1485.0							
	OBS	00049	10.17	34.80	26.79		1491.6							
	STO	00050	10.02	34.78	26.80	00.076	1491.0							
	OBS	00051	09.70	34.74	26.82		1489.8							
	OBS	00055	09.63	34.75	26.84		1489.6							
	OBS	00059	10.84	35.03	26.85		1494.4							
	OBS	00060	10.97	35.06	26.85		1494.9							
	OBS	00064	12.11	35.34	26.85		1499.3							
	OBS	00068	11.87	35.31	26.87		1498.5							
	OBS	00070	11.61	35.24	26.87		1497.6							
	OBS	00072	11.58	35.22	26.86		1497.5							
	OBS	00074	10.99	35.11	26.88		1495.3							
	STO	00075	10.97	35.11	26.89	00.107	1495.2							
	OBS	00076	10.93	35.12	26.90		1495.1							
	OBS	00097	09.56	34.87	26.94		1490.2							
	STO	00100	09.57	34.92	26.98	00.136	1490.3							
	OBS	00100	09.59	34.93	26.99		1490.5							
	OBS	00108	10.06	35.04	26.99		1492.4							
	OBS	00123	09.57	34.96	27.01		1490.8							
	STO	00125	09.47	34.93	27.01	00.163	1490.4							
	OBS	00131	08.91	34.81	27.00		1488.3							
	OBS	00135	08.48	34.76	27.03		1486.7							
	OBS	00148	08.27	34.86	27.14		1486.2							
	STO	00150	08.40	34.89	27.15	00.189	1486.8							
	OBS	00158	09.05	35.03	27.15		1489.5							
	STO	00200	08.90	35.04	27.19	00.236	1489.7							
	OBS	00237	08.77	35.05	27.21		1489.8							
	STO	00250	08.04	34.93	27.23	00.282	1487.1							
	OBS	00251	08.01	34.93	27.24		1487.0							
	OBS	00255	07.96	34.94	27.25		1486.9							
	OBS	00268	07.74	34.93	27.28		1486.2							
	OBS	00276	07.40	34.87	27.28		1485.0							
	OBS	00283	07.14	34.83	27.29		1484.0							
	STO	00300	07.10	34.85	27.31	00.324	1484.2							
	OBS	00300	07.10	34.85	27.31		1484.2							
	OBS	00306	08.19	35.09	27.34		1488.8							
	OBS	00323	07.57	35.06	27.35		1488.2							
	OBS	00331	07.41	34.96	27.37		1486.1							
	OBS	00336	07.05	34.92	27.37		1484.7							
	OBS	00350	06.80	34.91	27.40		1483.9							
	OBS	00386	06.60	34.94	27.45		1483.7							
	OBS	00399	06.10	34.85	27.44		1481.9							
	STO	00400	06.12	34.86	27.44	00.401	1481.9							
	OBS	00437	06.56	34.98	27.48		1484.0							
	OBS	00453	06.15	34.96	27.52		1483.1							
	STO	00500	05.58	34.92	27.56	00.466	1481.5							
	OBS	00500	05.58	34.92	27.56		1481.5							
	OBS	00550	05.52	34.95	27.59		1482.1							
	STO	00600	05.53	35.03	27.66	00.522	1483.1							
	OBS	00601	05.53	35.03	27.66		1483.1							
	OBS	00652	04.97	34.98	27.68		1481.6							
	STO	00700	04.90	34.99	27.70	00.573	1482.1							
	OBS	00700	04.90	34.99	27.70		1482.1							
	STO	00750	04.86	35.01	27.72		1482.8							
	OBS	00800	04.67	34.99	27.73	00.621	1482.9							
	OBS	00801	04.67	34.99	27.73		1482.9							
	OBS	00852	04.52	34.99	27.74		1483.1							
	STO	00900	04.47	34.99	27.75	00.667	1483.7							
	OBS	00900	04.47	34.99	27.75		1483.7							
	OBS	00953	04.40	34.99	27.76		1484.3							
	STO	01000	04.40	34.99	27.76	00.712	1485.1							
	OBS	01005	04.40	34.99	27.76		1485.1							
	OBS	01012	04.31	34.98	27.76		1484.9							
	OBS	01018	04.31	34.99	27.77		1485.0							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MODEC STATION DATA														
REFID 31 8424	YEAR 1975	BOTOP 04480	AIR TEMP 04.6	OIR PGT PER 33 4 4	WIND-OIR 35	INST STO RECORDER	TEM SQ 1306							
CONSEC 0024	MONTH 04	SHIP EV	WET BULB 04.1	SEA 4	WIND-SPO 28	TRACE DIR 0	5 SQUARE 2							
LAT 43 02.5M	DAY 11	DATA USE 1	BAROMETER 1006.0	CL/TB	WIND-FOA	DURATION 00.3	2 SQUARE 26							
LONG 046 16 W	MOOR 10-9	AREA 05	CLOUD T/A		WEATHER X2	ORIG 011 713	1 SQUARE 36							
CASTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OTMPTM	SND VEL	DAYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STD	00000	13.85	35.54	26.65	00.000	1504.4							
10.9	OBS	00005	13.85	35.54	26.65		1504.5							
	STD	00010	13.93	35.57	26.66	00.014	1504.8							
	OBS	00011	13.94	35.58	26.67		1504.9							
	STD	00020	13.88	35.54	26.65	00.028	1504.8							
	OBS	00020	13.88	35.54	26.65		1504.8							
	STD	00030	13.94	35.58	26.66	00.042	1505.2							
	OBS	00030	13.94	35.58	26.67		1505.2							
	OBS	00034	13.91	35.52	26.63 *		1505.1							
	OBS	00036	14.05	35.68	26.72		1505.6							
	OBS	00038	14.27	35.68	26.67 *		1506.5							
	STD	00050	14.84	35.86	26.69	00.070	1508.8							
	OBS	00051	14.85	35.88	26.69		1509.0							
	STD	00075	15.20	36.03	26.74	00.104	1510.5							
	OBS	00076	15.21	36.03	26.74		1510.6							
	STD	00100	14.65	35.90	26.76	00.137	1509.0							
	OBS	00100	14.64	35.90	26.76		1509.0							
	OBS	00116	14.57	35.92	26.79		1509.1							
	OBS	00116	14.57	35.92	26.80		1509.9							
	OBS	00123	14.71	35.99	26.80	00.170	1509.9							
	STD	00125	14.77	35.99	26.80		1509.9							
	OBS	00125	14.77	35.99	26.80		1509.9							
	STD	00150	14.05	35.82	26.83	00.202	1507.8							
	OBS	00150	14.04	35.82	26.83		1507.8							
	OBS	00175	13.31	35.68	26.87		1505.6							
	OBS	00175	13.31	35.68	26.87	00.264	1504.3							
	STD	00200	12.81	35.60	26.92		1504.3							
	OBS	00201	12.80	35.60	26.92		1504.3							
	OBS	00226	12.94	35.66	26.93		1505.2							
	STD	00250	12.69	35.60	26.94	00.323	1504.7							
	OBS	00251	12.68	35.60	26.94		1504.7							
	OBS	00276	12.54	35.60	26.97		1504.6							
	STD	00300	12.11	35.51	26.96	00.382	1503.4							
	OBS	00300	12.10	35.51	26.98		1503.4							
	OBS	00350	11.51	35.46	27.07		1502.1							
	STD	00400	10.30	35.32	27.17	00.450	1498.4							
	OBS	00401	10.27	35.32	27.17		1498.4							
	OBS	00409	10.14	35.31	27.19		1498.0							
	OBS	00415	09.92	35.28	27.20		1497.3							
	OBS	00434	09.45	35.22	27.24		1495.8							
	OBS	00441	08.86	35.11	27.25		1493.6							
	OBS	00447	08.57	35.05	27.25		1492.5							
	OBS	00449	08.52	35.05	27.25		1492.3							
	OBS	00454	08.25	34.99	27.25		1491.3							
	OBS	00456	08.14	34.98	27.26		1490.9							
	OBS	00462	07.66	34.91	27.27		1489.1							
	OBS	00474	07.39	34.93	27.33		1488.3							
	OBS	00474	07.39	34.93	27.33		1489.4							
	OBS	00475	07.65	34.96	27.34		1493.0							
	OBS	00485	08.51	35.16	27.34	00.582	1492.5							
	STD	00500	08.31	35.12	27.34		1491.7							
	OBS	00502	08.10	35.08	27.34		1487.8							
	OBS	00510	07.12	34.91	27.35		1486.7							
	OBS	00514	06.85	34.86	27.35		1486.6							
	OBS	00550	06.64	34.95	27.45		1486.6							
	STD	00600	05.59	34.90	27.50	00.658	1484.8							
	OBS	00601	05.97	34.90	27.50		1484.7							
	OBS	00651	05.56	34.91	27.56		1483.9							
	OBS	00660	05.13	34.84	27.55		1482.2							
	OBS	00679	05.13	34.94	27.63		1482.7							
	STD	00700	05.36	34.97	27.63	00.720	1484.0							
	OBS	00700	05.36	34.97	27.63		1484.0							
	OBS	00753	05.47	35.03	27.66		1485.4							
	STD	00800	05.23	35.02	27.69	00.774	1485.2							
	OBS	00801	05.22	35.02	27.69		1485.2							
	OBS	00850	04.97	35.01	27.71		1485.0							
	STD	00900	04.56	34.96	27.72	00.824	1484.0							
	OBS	00900	04.56	34.96	27.72		1484.0							
	OBS	00951	04.56	34.96	27.73		1484.9							
	OBS	00957	04.29	34.94	27.73		1484.5							
	STD	01000	04.29	34.94	27.73	00.872	1484.5							
	OBS	01001	04.29	34.94	27.73		1484.6							
	OBS	01024	04.43	34.97	27.74		1485.8							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFID 31 8454 YEAR 1975 BOTOP 03986 AIR TEMP 04.5 DIR HGT PER WIND-DIR 20 INST STO RECORDER TEN SO 1306
 CDNSEC 0025 MONTH 04 SHIP EV WET BULB 03. 20 2 3 WIND-SPO 10 TRACE DIR 0 5 SQUARE 2
 LAT 43 08.2N DAY 11 DATA USE 1 BAROMETER 1011.0 SEA WIND-FDA DURATION 00.5 2 SQUARE 26
 LONG 046 44.8W HOUR 14.8 AREA 05 CLOUD T/A CL/TP WEATHER X2 ORIG 011 714 07 1 SQUARE 36

CAS	NUM	TIME	LVL	TPH	DEP	TH	TEMP	SAL	SIGMA-T	DYN	DPH	SKD	VEL	OXYG	PO4	TCT	P	MO2	MO3	SIO3	PH
14.8	STO	00000	04.07	33.68	26.75	00.000	1465.4														
	OBS	00005	04.07	33.68	26.75		1465.5														
	STO	00010	04.07	33.68	26.75	00.013	1465.5														
	OBS	00011	04.06	33.68	26.75		1465.5														
	STO	00020	03.99	33.67	26.75	00.026	1465.4														
	OBS	00020	03.98	33.67	26.75		1465.3														
	STO	00030	03.84	33.70	26.79	00.039	1464.9														
	OBS	00030	03.82	33.70	26.79		1464.8														
	STO	00034	03.63	33.76	26.86		1464.2														
	OBS	00038	03.39	33.73	26.86		1463.2														
	OBS	00040	03.16	33.67	26.83		1462.1														
	OBS	00049	02.21	33.67	26.91		1458.2														
	STO	00050	02.26	33.70	26.93	00.063	1458.5														
	OBS	00051	02.41	33.76	26.97		1459.2														
	OBS	00055	02.77	33.80	26.97		1460.9														
	OBS	00066	03.10	33.80	26.94		1462.5														
	OBS	00070	02.98	33.75	26.91		1462.0														
	STO	00075	02.51	33.66	26.88	00.092	1459.9														
	OBS	00076	02.35	33.65	26.89		1459.2														
	OBS	00078	02.04	33.64	26.90		1457.9														
	OBS	00079	01.96	33.81	27.04		1457.8														
	OBS	00081	02.30	33.86	27.06		1459.4														
	OBS	00085	02.36	33.85	27.04		1459.7														
	OBS	00087	02.03	33.75	26.99		1458.1														
	OBS	00091	01.84	33.83	27.07		1457.5														
	STO	01000	01.90	33.88	27.11	00.119	1457.9														
	OBS	01000	01.91	33.89	27.11		1458.0														
	OBS	00116	02.33	34.14	27.28		1460.4														
	OBS	00118	02.69	34.19	27.29		1462.1														
	OBS	00121	02.77	34.19	27.28		1462.5														
	STO	00125	02.97	34.24	27.30	00.141	1463.5														
	OBS	00127	03.09	34.27	27.32		1464.1														
	OBS	00137	03.32	34.37	27.37		1465.4														
	OBS	00140	03.58	34.38	27.36		1466.6														
	OBS	00146	03.64	34.44	27.37		1468.3														
	STO	00150	04.38	34.49	27.37	00.160	1470.2														
	OBS	00154	04.74	34.54	27.36		1471.9														
	OBS	00171	04.23	34.50	27.39		1470.0														
	OBS	00175	04.31	34.54	27.41		1470.4														
	OBS	00177	04.35	34.52	27.39		1470.6														
	OBS	00182	02.68	34.32	27.39		1463.2														
	OBS	00186	02.22	34.27	27.39		1461.3														
	OBS	00199	02.66	34.36	27.43		1463.6														
	STO	00200	02.69	34.36	27.43	00.195	1463.7														
	OBS	00205	03.84	34.56	27.47		1469.0														
	OBS	00226	03.73	34.57	27.46		1468.9														
	OBS	00245	03.63	34.57	27.50		1468.8														
	OBS	00249	04.32	34.74	27.57		1472.0														
	STO	00250	04.34	34.74	27.57	00.226	1472.2														
	OBS	00251	04.37	34.74	27.56		1472.2														
	OBS	00263	04.66	34.76	27.55		1473.6														
	OBS	00264	04.09	34.68	27.54		1471.2														
	OBS	00272	04.22	34.73	27.57		1471.9														
	OBS	00276	04.64	34.79	27.57		1473.8														
	OBS	00279	04.61	34.78	27.57		1473.7														
	OBS	00281	04.43	34.74	27.56		1472.9														
	OBS	00285	04.04	34.68	27.55		1471.3														
	OBS	00287	04.01	34.72	27.58		1471.3														
	OBS	00291	03.74	34.67	27.57		1470.1														
	STO	00300	03.81	34.71	27.59	00.253	1470.6														
	OBS	00300	03.82	34.71	27.60		1470.7														
	OBS	00354	04.15	34.80	27.63		1473.0														
	STO	00400	04.36	34.87	27.66	00.304	1474.8														
	OBS	00401	04.36	34.87	27.67		1474.8														
	OBS	00451	04.41	34.91	27.69		1475.9														
	STO	00500	04.46	34.95	27.72	00.350	1476.9														
	OBS	00502	04.46	34.95	27.72		1477.6														
	OBS	00550	04.47	34.96	27.73		1477.8														
	STO	00600	04.45	34.98	27.74	00.393	1478.6														
	OBS	00601	04.45	34.98	27.74		1478.6														
	OBS	00652	04.31	34.96	27.74		1478.9														
	OBS	00656	04.05	34.92	27.74		1477.8														
	STO	00700	03.95	34.92	27.75	00.436	1478.1														
	OBS	00700	03.95	34.92	27.75		1478.1														
	OBS	00750	04.11	34.95	27.76		1479.6														
	STO	00800	03.56	34.94	27.76	00.478	1479.9														
	OBS	00801	03.98	34.94	27.76		1479.9														
	OBS	00852	03.89	34.94	27.77		1480.4														
	STO	00900	03.82	34.92	27.76	00.521	1480.9														
	OBS	00900	03.82	34.92	27.76		1480.9														
	OBS	00955	03.62	34.90	27.77		1480.9														
	STO	01000	03.53	34.89	27.77	00.563	1481.3														
	OBS	01001	03.53	34.89	27.77		1481.3														
	OBS	01037	03.48	34.89	27.77		1481.7														

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

NOOC STATION DATA

REFID 31 8454	YEAR 1975	BOTOP 03504	AIR TEMP 04.0	DIR HGT PEA	WIND-DIA 22	INST STD RECORDE	TEN SQ 1306
CONSEC 0024	MONTH 04	SHIP EV	WET BULB 04.0	22 2 2	WIND-SPD 16	TRACE 03A 0	5 SQUARE 2
LA* 43 17.2M	DAY 11	DATA USE 1	BAROMETR 1011.1	SEA	WIND-FOR	DURATION 00.4	2 SQUARE 26
LONG 047 10 W	MOUR 18.2	AREA 05	CLOUD T/A	CL/TR	WEATHER XI	DRG 013 715 10	1 SQUARE 37

CASNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOP7	SNO VEL	OXYC	PO4	TOT P	MO2	MO3	ST03	PM
18.2	ST0	00000	07.58	34.52	26.48	00.000	1480.7							
	OBS	00003	07.58	34.52	26.98		1480.7							
	ST0	00010	07.58	34.52	26.98	00.011	1480.9							
	OBS	00011	07.58	34.53	26.99		1480.9							
	ST0	00020	07.73	34.61	27.03	00.022	1481.7							
	OBS	00020	07.74	34.61	27.03		1481.8							
	OBS	00026	07.80	34.59	27.00 *		1482.1							
	ST0	00030	07.67	34.56	27.00	00.032	1481.6							
	OBS	00030	07.61	34.54	26.99		1481.3							
	OBS	00032	07.28	34.43	26.95 *		1479.9							
	OBS	00036	06.30	34.28	26.94		1476.7							
	OBS	00038	05.91	34.22	26.97		1474.3							
	OBS	00040	05.58	34.25	27.03		1473.0							
	OBS	00043	05.45	34.22	27.03		1472.5							
	OBS	00047	05.17	34.30	27.12		1471.6							
	ST0	00053	05.70	34.44	27.17	00.052	1474.0							
	OBS	00051	05.92	34.48	27.17		1474.9							
	OBS	00053	06.10	34.48	27.15		1475.7							
	OBS	00059	03.78	34.48	27.18		1474.4							
	OBS	00064	06.56	34.59	27.18		1477.8							
	ST0	00075	06.40	34.52	27.14 *	00.073	1477.3							
	OBS	00076	06.38	34.51	27.14		1477.2							
	ST0	00100	05.86	34.50	27.20	00.098	1475.5							
	OBS	00100	05.05	34.50	27.20		1475.5							
	OBS	00108	05.05	34.49	27.19		1475.6							
	OBS	00123	05.33	34.45	27.25		1473.7							
	ST0	00125	05.05	34.58	27.26	00.120	1476.0							
	OBS	00125	05.94	34.59	27.26		1476.4							
	OBS	00127	05.61	34.51	27.24		1474.9							
	OBS	00127	05.27	34.45	27.23		1473.7							
	OBS	00139	04.71	34.41	27.26		1471.5							
	OBS	00148	04.71	34.42	27.27	00.141	1471.3							
	ST0	00150	04.67	34.42	27.28		1471.3							
	OBS	00150	04.67	34.46	27.32		1471.6							
	OBS	00163	05.00	34.55	27.34		1473.2							
	OBS	00167	05.44	34.62	27.34		1475.2							
	OBS	00175	06.35	34.83	27.39		1479.2							
	OBS	00178	06.29	34.62	27.40	00.179	1479.3							
	ST0	00201	06.28	34.82	27.40		1479.3							
	OBS	00211	06.37	34.88	27.43		1479.9							
	OBS	00215	06.23	34.83	27.41		1479.3							
	OBS	00217	05.49	34.69	27.39		1476.2							
	OBS	00226	05.35	34.75	27.46		1475.8							
	ST0	00250	04.34	34.65	27.49	00.213	1471.9							
	OBS	00251	04.33	34.64	27.49		1471.9							
	OBS	00272	04.75	34.74	27.52		1474.1							
	OBS	00277	05.22	34.82	27.53		1476.2							
	ST0	00300	05.48	34.88	27.54	00.244	1477.8							
	OBS	00300	05.49	34.88	27.54		1477.8							
	OBS	00306	05.04	34.82	27.55		1476.0							
	OBS	00310	04.92	34.84	27.58		1475.6							
	OBS	00317	04.52	34.77	27.57		1474.0							
	OBS	00342	04.22	34.80	27.63		1473.2							
	OBS	00352	04.63	34.85	27.62		1475.1							
	ST0	00400	05.60	35.05	27.66	00.298	1480.1							
	OBS	00401	05.61	35.05	27.66		1480.2							
	OBS	00435	05.33	35.01	27.67		1479.6							
	OBS	00445	05.01	34.99	27.68		1476.4							
	OBS	00453	04.69	34.93	27.72		1477.1							
	ST0	00500	04.48	34.96	27.72	00.344	1477.1							
	OBS	00500	04.48	34.96	27.72		1477.1							
	OBS	00552	04.56	34.98	27.73		1478.3							
	ST0	00600	04.45	34.98	27.74	00.388	1478.6							
	OBS	00601	04.45	34.98	27.74		1478.6							
	OBS	00651	04.43	34.95	27.75		1479.4							
	ST0	00700	04.34	34.98	27.76	00.430	1475.8							
	OBS	00700	04.34	34.98	27.76		1479.9							
	OBS	00702	04.25	34.99	27.77		1480.3							
	OBS	00750	04.20	34.97	27.76	00.473	1480.9							
	ST0	00800	04.20	34.97	27.76		1480.9							
	OBS	00801	04.20	34.97	27.76		1480.9							
	OBS	00850	04.09	34.97	27.77		1481.3							
	ST0	00900	04.02	34.96	27.77	00.515	1481.8							
	OBS	00900	04.02	34.96	27.77		1481.8							
	OBS	00951	03.93	34.95	27.77		1482.3							
	ST0	01000	03.92	34.95	27.78	00.557	1483.0							
	OBS	01001	03.92	34.95	27.78		1483.0							
	OBS	01022	03.93	34.96	27.78		1483.4							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

NOEC STATION DATA

REFID 31 8454 YEAR 1975 BOTOP 03652 AIR TEMP 04.6 OIR HGT PER WIND-OIR 32 INST STO RECORDER TEM SO 1306
 COMSEC 0327 MONTH 04 SHIP EV WET BULB 04.2 20 2 3 WIND-SPO 10 TRACE OIR 0
 LAT 43 23.5N DAY 11 DATA USE 1 BAROMETER 1010.5 SEA WIND-FOR DURATION 00.4 2 SQUARE 26
 LONG 047 38 W HOUR 21.2 AREA 05 CLOUD T/A CL/YR WEATHER A6 ORIS 011 716 05 1 SQUARE 37

CASNUM/TIME	LVLTP	DEPTM	TEMP	SAL	SIGMA-T	GYNDPTH	SND VEL	OXYG	P04	TOT P	MO2	NO3	SIO3	PH
21.2	STO	00000	05.89	35.18	27.13	00.000	1450.2							
	085	00001	05.89	35.18	27.13		1450.3							
	085	00003	10.02	35.20	27.12		1450.8							
	085	00005	11.04	35.37	27.07		1454.7							
	085	00009	11.31	35.43	27.07		1455.8							
	STO	00010	11.32	35.43	27.07	00.010	1455.8							
	085	00011	11.33	35.42	27.06		1455.9							
	STO	00020	11.40	35.44	27.06	00.020	1456.3							
	085	00020	11.40	35.44	27.06		1456.3							
	STO	00030	11.43	35.45	27.06	00.030	1456.6							
	085	00030	11.43	35.45	27.06		1456.6							
	STO	00050	11.33	35.45	27.08	00.050	1456.5							
	085	00051	11.33	35.45	27.08		1456.6							
	STO	00075	11.36	35.47	27.09	00.075	1457.1							
	085	00076	11.36	35.47	27.09		1457.1							
	STO	00100	11.02	35.39	27.10	00.100	1456.2							
	085	00100	11.01	35.39	27.10		1456.2							
	085	00123	10.75	35.33	27.10		1455.5							
	STO	00125	10.64	35.29	27.08	00.125	1455.1							
	085	00127	10.45	35.22	27.06		1454.4							
	085	00131	10.22	35.16	27.06		1453.5							
	085	00135	09.66	35.09	27.10		1451.5							
	085	00137	09.64	35.04	27.06		1451.4							
	085	00135	09.25	35.02	27.11		1489.5							
	STO	00150	09.11	35.01	27.13	00.150	1489.6							
	085	00150	09.11	35.01	27.13		1489.6							
	085	00169	09.02	35.02	27.15		1489.6							
	085	00173	09.65	35.18	27.17		1452.2							
	085	00177	09.73	35.18	27.16		1452.5							
	085	00182	09.91	35.22	27.16		1453.3							
	085	00168	09.91	35.22	27.16		1453.6							
	STO	00200	06.58	35.17	27.16	00.198	1452.3							
	085	00203	06.10	35.09	27.19		1450.5							
	085	00211	08.66	34.96	27.16		1488.8							
	085	00217	07.61	34.83	27.22		1484.8							
	085	00226	07.42	34.86	27.25		1484.3							
	STO	00250	07.46	34.50	27.29	00.243	1484.8							
	085	00251	07.46	34.50	27.30		1484.8							
	085	00276	07.48	34.97	27.35		1485.4							
	STO	00300	07.43	34.99	27.37	00.283	1485.6							
	085	00300	07.42	34.96	27.37		1485.6							
	085	00325	06.89	34.89	27.37		1483.8							
	085	00329	06.28	34.76	27.35		1481.3							
	085	00335	05.72	34.73	27.40		1479.1							
	085	00344	05.86	34.83	27.46		1480.0							
	085	00350	06.18	34.87	27.45		1481.4							
	085	00365	05.63	34.79	27.45		1479.3							
	085	00373	05.20	34.72	27.45		1477.6							
	085	00376	04.62	34.65	27.46		1475.2							
	085	00382	04.41	34.63	27.47		1474.4							
	STO	00400	04.52	34.74	27.54	00.351	1475.3							
	085	00401	04.61	34.75	27.54		1475.7							
	085	00407	05.04	34.79	27.53		1477.6							
	085	00422	04.57	34.79	27.53		1477.6							
	085	00428	05.40	34.88	27.55		1479.5							
	085	00434	05.58	34.91	27.56		1480.4							
	085	00445	05.15	34.86	27.57		1478.8							
	085	00453	05.06	34.84	27.56		1478.5							
	085	00456	05.00	34.84	27.57		1478.3							
	085	00464	04.44	34.76	27.57		1476.0							
	085	00474	04.29	34.77	27.56		1475.6							
	085	00479	04.00	34.74	27.60		1474.4							
	STO	00500	04.15	34.79	27.62	00.407	1475.4							
	085	00500	04.15	34.79	27.63		1475.5							
	085	00552	04.58	34.95	27.71		1478.3							
	STO	00600	04.59	34.95	27.70	00.456	1479.1							
	085	00605	04.59	34.95	27.70		1479.2							
	085	00651	04.65	34.96	27.72		1480.3							
	STO	00700	04.55	34.96	27.73	00.502	1480.7							
	085	00702	04.54	34.98	27.73		1480.7							
	085	00750	04.42	34.98	27.75		1481.3							
	STO	00800	04.33	34.97	27.75	00.546	1481.4							
	085	00803	04.32	34.97	27.75		1481.4							
	085	00850	04.18	34.96	27.76		1481.6							
	STO	00900	04.09	34.96	27.77	00.590	1482.1							
	085	00902	04.08	34.96	27.77		1482.1							
	085	00953	03.85	34.94	27.78		1481.5							
	STO	01000	03.85	34.94	27.77	00.633	1482.9							
	085	01001	03.85	34.94	27.77		1482.9							
	085	01027	03.86	34.94	27.77		1483.2							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA														
FFIC 31 8454	YEAR 1975	03TOP 03422	AIR TEMP 06.4	OIR MGT PER	WIND-OIR Z5	INST STC RECORDER	TEH 50 1306							
CONSEC 0026	MONTH 04	SHIP EV	WET BULB 06.0	25 2 3	WIND-SPD 16	TRACE OIR C	5 SQUARE 2							
LAT 43 52.4M	DAY 12	DATA USE 1	BAROMETER 1012.5	SEA	WIND-FOR	DURATION 00.1	2 SQUARE 26							
LONG 048 03.80	MOOR 00.0	AREA 05	CLOUD T/A	CL/TP	WEATHER #2	DRLE 011 717	1 SQUARE 36							
								+						
CASNUM/TIME	LVLTYP	DEPTM	TEMP	SAL	SIGMA-T	OYNOPTH	SNO VEL	DXYC	PO4	TOT #	NO2	NO3	SI03	PH
00.0	STO	00000	11.95	35.56	27.05	00.000	1458.0							
	085	00001	11.95	35.56	27.05		1458.0							
	STO	00010	11.96	35.56	27.05	00.010	1458.2							
	085	00011	11.96	35.56	27.05		1458.2							
	STO	00020	11.96	35.57	27.06	00.020	1458.4							
	085	00020	11.96	35.57	27.06		1458.4							
	STO	00030	11.97	35.57	27.06	00.031	1458.6							
	085	00030	11.97	35.57	27.06		1458.6							
	STO	00050	11.99	35.57	27.05	00.051	1459.0							
	085	00051	11.99	35.57	27.05		1459.0							
	STO	00075	11.98	35.58	27.06	00.077	1459.4							
	085	00076	11.98	35.58	27.06		1459.4							
	STO	00130	11.92	35.57	27.07	00.103	1455.6							
	085	00100	11.92	35.57	27.07		1459.6							
	STO	00125	11.97	35.60	27.08	00.128	1500.2							
	085	00125	11.97	35.60	27.08		1500.2							
	STO	00150	11.97	35.58	27.06	00.154	1500.6							
	085	00150	11.97	35.58	27.06		1500.6							
	STO	00177	11.60	35.51	27.08		1455.6							
	085	00200	11.42	35.48	27.09	00.206	1499.3							
	STO	00203	11.38	35.47	27.09		1459.3							
	085	00226	11.09	35.40	27.09		1498.5							
	STO	00247	11.05	35.39	27.08		1458.8							
	085	00250	10.87	35.35	27.09	00.25E	1498.1							
	STO	00253	10.63	35.30	27.09		1457.2							
	085	00276	09.89	35.20	27.15		1454.8							
	STO	00285	05.30	35.15	27.21		1492.7							
	085	00289	08.64	35.05	27.15		1451.3							
	STO	00300	06.88	35.04	27.22	00.307	1450.5							
	085	00302	08.62	35.04	27.23		1490.3							
	STO	00336	06.00	35.01	27.30		1428.5							
	085	00344	07.71	34.56	27.31		1427.4							
	STO	00352	07.67	34.57	27.32		1427.4							
	085	00367	07.46	34.57	27.35		1426.6							
	STO	00375	07.66	35.00	27.34		1427.8							
	085	00376	07.24	34.94	27.36		1426.1							
	STO	00400	07.17	34.93	27.36	00.352	1426.2							
	085	00403	07.05	34.93	27.38		1425.8							
	STO	00407	06.89	34.89	27.37		1425.2							
	085	00416	06.30	34.84	27.41		1422.9							
	STO	00451	06.01	34.85	27.45		1422.4							
	085	00451	05.74	34.86	27.50		1421.8							
	STO	00481	05.35	34.81	27.50		1420.2							
	085	00487	05.35	34.81	27.50		1420.2							
	STO	00500	06.16	34.99	27.55	00.463	1423.5							
	085	00502	06.28	35.02	27.55		1424.5							
	STO	00552	05.86	34.98	27.58		1423.6							
	085	00567	05.54	34.96	27.60		1422.5							
	STO	00574	05.26	34.91	27.55		1421.4							
	085	00600	04.94	34.90	27.62	00.521	1420.5							
	STO	00601	04.92	34.90	27.63		1420.5							
	085	00609	05.06	34.93	27.63		1421.2							
	STO	00616	04.86	34.91	27.64		1420.5							
	085	00651	04.86	34.94	27.67		1421.1							
	STO	00700	04.60	34.95	27.70	00.573	1420.8							
	085	00704	04.59	34.95	27.70		1420.9							
	STO	00750	04.59	34.97	27.72		1421.7							
	085	00800	04.53	34.97	27.73	00.620	1422.3							
	STO	00803	04.52	34.97	27.73		1422.3							
	085	00850	04.34	34.95	27.73		1422.3							
	STO	00900	04.31	34.98	27.76	00.665	1423.0							
	085	00902	04.31	34.96	27.76		1423.0							
	STO	00953	04.23	34.97	27.76		1423.6							
	085	01000	04.11	34.96	27.77	00.705	1423.8							
	STO	01003	04.10	34.96	27.77		1423.8							
	085	01027	04.07	34.95	27.76		1424.1							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

NOCC STATION DATA

REFID 31 0454	YEAR 1975	BOTOP 03015	AIA TEMP 05.0	D18 MG7 PER	WIND-OIR 26	INST STD RECORDER	TEN SQ 1306
CONSEC 0025	MONTH 04	SHIP EY	WET BULB 03.9	00 X X	WIND-SPO 15	TAACE OIR 0	5 SQUARE 2
LAT 43 42 N	DAY 12	DATA USE 1	SARCHETA 1013.5	SEA	WIND-FOR	DURATION 00.3	2 SQUARE 28
LONG 048 27 W	MOOR 02.6	AREA 05	CLOUD 7/A	CL/TR	WEATHER X6	ORG 011 718	1 SQUARE 38

CASTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	ORIG	PO4	TOT P	NO2	NO3	SIO3	PH
STO	00000		11.27	35.40	27.06	00.00C	1495.4							
02.6	085	00003	11.27	35.40	27.06		1495.5							
STO	00010		11.27	35.40	27.06	00.010	1495.6							
085	00011		11.27	35.40	27.06		1495.6							
STO	00020		11.28	35.40	27.05	00.020	1495.6							
085	00020		11.28	35.40	27.05		1495.6							
STO	00030		11.30	35.41	27.06	00.031	1496.0							
085	00030		11.30	35.41	27.06		1496.1							
STO	00050		11.29	35.41	27.06	00.051	1496.3							
085	00051		11.29	35.41	27.06		1496.4							
STO	00075		11.22	35.42	27.08	00.076	1496.5							
085	00076		11.22	35.42	27.08		1496.5							
STO	00100		11.33	35.45	27.08	00.102	1497.3							
085	00100		11.33	35.45	27.08		1497.4							
STO	00125		10.83	35.33	27.00	00.127	1495.8							
085	00125		10.82	35.33	27.00		1495.8							
STO	00150		10.47	35.26	27.11	00.152	1494.9							
085	00152		10.45	35.28	27.11		1494.9							
STO	00175		10.43	35.27	27.11	00.202	1493.2							
085	00200		09.94	35.17	27.12		1493.7							
STO	00201		09.91	35.17	27.12		1493.6							
085	00224		09.64	35.20	27.19		1493.0							
STO	00226		09.41	35.15	27.19		1492.1							
085	00234		09.23	35.10	27.18		1491.5							
STO	00237		08.60	34.99	27.19		1489.1							
085	00249		08.12	34.91	27.21		1487.4							
STO	00250		08.02	34.90	27.21	00.250	1487.0							
085	00255		07.42	34.81	27.23		1484.6							
STO	00268		07.58	34.89	27.27		1485.6							
085	00276		07.32	34.85	27.28		1484.6							
STO	00300		06.74	34.80	27.32	00.253	1482.7							
085	00304		06.60	34.77	27.31		1482.2							
STO	00310		06.42	34.72	27.30		1481.5							
085	00323		05.33	34.59	27.33		1477.1							
STO	00325		05.31	34.65	27.38		1477.2							
085	00343		06.01	34.79	27.41		1480.4							
STO	00344		06.37	34.88	27.43		1482.1							
085	00354		07.03	35.00	27.44		1485.0							
STO	00357		07.01	34.99	27.43		1485.0							
085	00363		06.69	34.92	27.42		1483.7							
STO	00367		06.33	34.87	27.43		1482.3							
085	00369		06.28	34.86	27.44		1482.1							
STO	00375		05.83	34.82	27.45		1480.3							
085	00384		05.65	34.86	27.48		1480.6							
STO	00388		05.65	34.79	27.45		1479.8							
085	00397		05.02	34.73	27.48		1477.3							
STO	00400		05.00	34.75	27.50	00.366	1477.3							
085	00401		04.99	34.76	27.51		1477.3							
STO	00420		05.17	34.78	27.50		1478.3							
085	00424		04.75	34.72	27.50		1476.6							
STO	00439		04.61	34.77	27.56		1476.3							
085	00453		05.52	34.95	27.55		1480.5							
STO	00462		05.51	34.92	27.57		1480.6							
085	00472		04.64	34.83	27.56		1477.9							
STO	00500		05.11	34.91	27.62	00.425	1479.6							
085	00502		05.13	34.92	27.62		1479.7							
STO	00532		05.26	34.98	27.65		1481.1							
085	00600		04.86	34.96	27.68	00.477	1480.3							
STO	00603		04.84	34.96	27.68		1480.3							
085	00652		04.77	34.99	27.72		1480.8							
STO	00700		04.63	34.98	27.72	00.525	1481.0							
085	00751		04.63	34.98	27.72		1481.0							
STO	00800		04.41	34.98	27.73		1481.0							
085	00801		04.43	34.99	27.75	00.570	1481.9							
STO	00900		04.13	34.96	27.76		1481.5							
085	00900		04.13	34.96	27.76	00.613	1482.2							
STO	00951		04.07	34.96	27.77		1482.2							
085	01000		03.82	34.92	27.77	00.657	1482.8							
STO	01001		03.82	34.92	27.76		1482.6							
085	01024		03.77	34.92	27.77		1482.7							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

NOOC STATION DATA														
REFID 31 0454	YEAR 1975	BOTOP 01944	AIR TEMP 01.3	OIR MGT PER	WIND-OIR 24	INST STO RECORDER	TEN SO 1306							
CONSEC 0030	MONTH 04	SHIP EV	WET BULB 00.8	DO 3 A	WIND-SPO 06	TRACE OIR	5 SQUARE 2							
LAT 43 49 N	DAY 12	0474 USE 1	BAROMETER 1012.2	SEA	WIND-FOA	DURATION 00.3	2 SQUARE 28							
LONG 048 48.30	MOUR 03.0	ARZA 05	CLGVO T/A	CL/T/A	WEATHER AO	DRG 011 719	1 SQUARE 38							
CASTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYMDPTH	SNO VEL	DAYG	PO4	TOT P	NO2	NO3	S103	PH
05.0	STO	00000	- 0.01	32.98	26.50	00.000	1446.4							
	OBS	00001	- 0.01	32.98	26.50		1446.5							
	STO	00010	- 0.10	32.54	26.49	00.015	1446.2							
	OBS	00011	- 0.11	32.96	26.49		1446.1							
	OBS	00013	- 0.32	33.00	26.53		1445.3							
	OBS	00017	00.35	33.09	26.57		1448.5							
	STO	00020	- 0.68	32.98	26.53	00.031	1443.7							
	OBS	00020	- 0.92	32.54	26.52		1442.5							
	STO	00030	- 1.26	33.23	26.75	00.045	1441.5							
	OBS	00030	- 1.28	33.25	26.77		1441.4							
	OBS	00032	- 1.21	33.34	26.84		1441.5							
	OBS	00034	- 0.82	33.44	26.90		1443.9							
	OBS	00038	02.73	33.76	26.54		1460.4							
	OBS	00043	02.86	33.64	26.840									
	OBS	00045	03.00	33.91	27.04		1461.9							
	OBS	00047	03.41	34.03	27.10		1463.8							
	OBS	00049	04.16	34.01	27.000									
	STO	00050	04.35	34.10	27.05	00.068	1467.5							
	OBS	00051	04.75	34.28	27.150									
	OBS	00053	04.99	34.22	27.08		1470.8							
	OBS	00055	05.40	34.31	27.10		1472.6							
	OBS	00059	06.31	34.37	27.04		1476.5							
	OBS	00060	06.44	34.31	26.970									
	OBS	00062	06.50	34.46	27.08		1477.4							
	OBS	00064	06.77	34.60	27.160									
	OBS	00068	07.82	34.82	27.180									
	OBS	00070	08.04	34.72	27.07		1483.9							
	OBS	00072	08.27	34.88	27.160									
	OBS	00074	08.44	34.80	27.07		1485.6							
	STO	00075	08.23	34.76	27.07	00.094	1484.7							
	OBS	00076	07.54	34.52	26.920									
	OBS	00079	07.28	34.56	27.05		1480.5							
	OBS	00083	06.85	34.47	27.04		1479.2							
	OBS	00085	06.74	34.48	27.07		1478.8							
	OBS	00091	06.47	34.38	27.020									
	OBS	00093	06.24	34.46	27.12		1476.5							
	STO	00100	06.32	34.48	27.12	00.118	1477.3							
	OBS	00100	06.33	34.48	27.12		1477.4							
	OBS	00104	07.23	34.65	27.13		1481.2							
	OBS	00106	07.21	34.55	27.09		1481.1							
	OBS	00108	06.50	34.52	27.08		1475.8							
	OBS	00112	05.17	34.28	27.11		1472.6							
	OBS	00116	04.74	34.25	27.13		1470.8							
	OBS	00121	04.10	34.22	27.18		1468.2							
	STO	00125	04.05	34.20	27.17	00.142	1468.1							
	OBS	00125	04.04	34.20	27.17		1468.0							
	STO	00150	03.27	34.24	27.28	00.164	1465.2							
	OBS	00150	03.26	34.26	27.29		1465.2							
	OBS	00152	03.45	34.36	27.35		1466.2							
	OBS	00156	04.25	34.35	27.30		1469.7							
	OBS	00158	04.35	34.42	27.31		1470.1							
	OBS	00163	03.47	34.26	27.250									
	OBS	00175	03.48	34.35	27.34		1466.7							
	OBS	00177	03.42	34.33	27.33		1466.4							
	OBS	00187	04.31	34.44	27.33		1470.4							
	OBS	00194	04.90	34.52	27.33		1473.2							
	OBS	00196	04.76	34.58	27.39		1472.7							
	STO	00200	04.75	34.57	27.38	00.202	1472.5							
	OBS	00201	04.81	34.57	27.38		1473.0							
	OBS	00203	04.58	34.53	27.37		1472.0							
	OBS	00205	04.58	34.58	27.41		1472.1							
	OBS	00209	04.84	34.62	27.41		1473.3							
	OBS	00226	04.83	34.71	27.49		1473.7							
	STO	00250	04.75	34.69	27.48	00.237	1473.7							
	OBS	00253	04.70	34.68	27.48		1473.5							
	OBS	00276	04.01	34.58	27.47		1470.5							
	STO	00300	03.73	34.64	27.55	00.267	1470.2							
	OBS	00300	03.73	34.64	27.55		1470.2							
	OBS	00352	04.02	34.73	27.61		1472.4							
	STO	00400	04.37	34.83	27.63	00.321	1474.8							
	OBS	00403	04.40	34.83	27.63		1475.0							
	OBS	00428	04.27	34.86	27.67		1474.9							
	OBS	00437	04.49	34.90	27.68		1476.0							
	OBS	00451	04.49	34.81	27.68		1476.2							
	STO	00500	04.20	34.90	27.71	00.365	1475.8							
	OBS	00500	04.20	34.90	27.71		1475.8							
	OBS	00550	04.38	34.95	27.73		1477.5							
	STO	00600	04.35	34.96	27.74	00.413	1478.2							
	OBS	00603	04.34	34.94	27.74		1478.2							
	OBS	00651	04.13	34.94	27.75		1478.1							
	STO	00700	03.45	34.92	27.75	00.456	1478.1							
	OBS	00700	03.95	34.92	27.75		1476.1							
	OBS	00750	04.02	34.95	27.77		1479.3							
	STO	00800	03.95	34.94	27.77	00.458	1475.8							
	OBS	00801	03.55	34.94	27.77		1479.6							
	OBS	00853	03.85	34.94	27.77		1480.4							
	STO	00900	03.81	34.93	27.77	00.540	1480.5							
	OBS	00900	03.81	34.93	27.77		1480.9							
	OBS	00946	03.44	34.92	27.78		1481.0							
	OBS	00953	03.86	34.95	27.74		1482.0							
	STO	01000	03.93	34.94	27.78	00.582	1483.1							
	OBS	01001	03.93	34.94	27.78		1483.1							
	OBS	01020	03.91	34.95	27.78		1483.3							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

REFID 31 8454	YEAR 1975	BDTDP 00375	AIR TEMP 01.7	DIA MGT PER	WIND-DIR 25	INST STD RECORDER	TEN SQ 1306
CONSEC 0031	MONTH 04	SHIP EV	MET BULB 01.0	00 A X	WIND-SPD 04	TRACE DIR 0	5 SQUARE 2
LAT 43 52 N	DAY 12	DATA USE 1	BAROMETR 1012.3	SEA	WIND-FOR	DURATION 00.1	2 SQUARE 28
LONG 048 56.1W	HOOR 06.5	AREA 05	CLCUD T/A	CL/TR	WEATHER X0	ORIG 011 720	1 SQUARE 38

CASUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	PO4	TOT P	MO2	MO3	SIO3	PH
06.5 STD	00000	- 0.10	32.91	26.45	00.000	1445.5								
06.5 OBS	00001	- 0.10	32.91	26.45		1446.0								
STD	00010	- 0.10	32.92	26.46	00.016	1446.1								
OBS	00011	- 0.10	32.93	26.46		1446.1								
STD	00020	- 0.38	33.01	26.54	00.031	1445.1								
OBS	00020	- 0.40	33.02	26.55		1445.0								
STD	00030	- 0.52	33.08	26.59	00.046	1444.7								
OBS	00030	- 0.53	33.06	26.59		1444.7								
OBS	00036	- 0.60	33.06	26.59		1444.4								
OBS	00045	- 1.22	33.10	26.64		1441.7								
STD	00050	- 1.30	33.18	26.71	00.074	1441.5								
OBS	00051	- 1.32	33.20	26.73		1441.5								
OBS	00062	- 1.35	33.31	26.82		1441.5								
STD	00075	- 1.33	33.37	26.86	00.106	1442.1								
OBS	00078	- 1.32	33.38	26.87		1442.2								
STD	00100	- 1.30	33.41	26.86	00.135	1442.7								
OBS	00100	- 1.30	33.41	26.90		1442.7								
STD	00125	- 1.23	33.46	26.93	00.164	1443.5								
OBS	00125	- 1.23	33.46	26.93		1443.5								
STD	00150	- 0.90	33.52	26.97	00.191	1445.5								
OBS	00152	- 0.87	33.53	26.98		1445.7								
OBS	00175	- 0.55	33.64	27.06		1447.8								
STD	00200	00.05	33.78	27.14	00.242	1451.1								
OBS	00201	00.08	33.79	27.15		1451.3								
OBS	00230	00.33	33.87	27.20		1453.0								
OBS	00234	00.42	33.91	27.23		1453.6								
OBS	00243	00.69	34.08	27.33		1456.1								
STD	00250	00.55	34.10	27.35	00.283	1456.5								
OBS	00255	01.01	34.13	27.37		1456.5								
OBS	00285	01.80	34.38	27.53		1460.4								
STD	00300	01.65	34.40	27.54	00.316	1460.8								
OBS	00302	01.67	34.40	27.54		1461.0								
OBS	00350	02.39	34.55	27.60		1465.1								
OBS	00363	02.40	34.55	27.60		1465.4								

REFID 31 8454	YEAR 1975	BDTDP 00086	AIR TEMP 01.7	DIA MGT PER	WIND-DIR 23	INST STD RECORDER	TEN SQ 1306
CONSEC 0032	MONTH 04	SHIP EV	MET BULB 01.4	00 A X	WIND-SPD 12	TRACE DIR 0	5 SQUARE 2
LAT 43 57.5N	DAY 12	DATA USE 1	BAROMETR 1015.7	SEA	WIND-FOR	DURATION 00.1	2 SQUARE 28
LONG 045 12.3W	HOOR 08.6	AREA 05	CLCUD T/A	CL/TR	WEATHER X1	ORIG 011 721	1 SQUARE 35

CASUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	PO4	TOT P	MO2	MO3	SIO3	PH
08.6 STD	00000	01.23	32.99	26.44	00.000	1452.1								
OBS	00001	01.23	32.99	26.44		1452.1								
OBS	00007	01.21	32.56	26.42		1452.1								
STD	00010	01.16	32.98	26.44	00.016	1451.9								
OBS	00011	01.14	32.59	26.44		1451.9								
STD	00020	01.03	33.00	26.46	00.032	1451.5								
OBS	00020	01.02	33.00	26.46		1451.5								
STD	00030	00.54	33.02	26.48	00.048	1451.3								
OBS	00032	00.93	33.02	26.48		1451.3								
OBS	00034	00.92	33.02	26.48		1451.3								
OBS	00040	00.46	33.08	26.56		1449.4								
OBS	00043	00.18	32.58	26.49		1448.0								
OBS	00045	- 0.47	32.57	26.51		1445.1								
OBS	00049	- 0.88	33.10	26.63		1443.4								
STD	00050	- 0.84	33.14	26.66	00.077	1443.7								
OBS	00051	- 0.73	33.22	26.72		1444.3								
OBS	00059	- 0.43	33.11	26.62		1445.7								
OBS	00064	- 0.73	33.15	26.67		1444.4								
STD	00075	- 0.84	33.16	26.68	00.112	1444.1								
OBS	00076	- 0.86	33.16	26.68		1444.0								
OBS	00078	- 0.89	33.16	26.68		1443.5								

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

M O D C S T A T I D A O & T A

REFID 31 8454	YEAR 1975	BOTOP 00040	AIR TEMP 03.2	OIR HGT PER	WIND-DIR 00	INST STD RECORDER	TEM SO 1306
CONSEC 0033	MONTH 04	SHIP EV	WET BULB 02.2	00 A X	WIND-SPD 00	TRACE DIR 0	5 SQUARE 2
LAT 44 02.8N	DAY 12	DATA USE 1	BAROMETER 1014.0	SEA	WIND-FOR	DURATION 00.0	2 SQUARE 48
LONG 049 35.4W	HOURL 10.7	AREA 05	CLCUC T/A	CL/TA	WEATHER 40	ORIG 011 722	1 SQUARE 49

CASHTM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	DRYG	PD4	TCT P	NO2	NO3	SIO3	PH
	STD	00000	01.53	32.77	26.24									
10.7	OBS	00001	01.53	32.77	26.24	00.000	1453.1							
	STD	00010	01.49	32.80	26.27									
	OBS	00011	01.48	32.81	26.28	00.018	1453.1							
	OBS	00013	01.06	32.55	26.10 *		1450.9							
	OBS	00017	00.39	32.99	26.49		1448.6							
	STD	00020	00.36	33.01	26.51	00.034	1448.5							
	OBS	00020	00.35	33.02	26.51		1448.5							
	OBS	00028	00.33	33.02	26.52		1448.5							
	STD	00030	00.33	33.01	26.51	00.049	1448.5							
	OBS	00030	00.33	33.01	26.51		1448.5							
	OBS	00043	00.34	33.02	26.51		1448.8							

REFID 31 8454	YEAR 1975	BOTOP 00064	AIR TEMP 01.1	OIR HGT PER	WIND-DIR 09	INST STD RECORDER	TEM SO 1306
CONSEC 0034	MONTH 04	SHIP EV	WET BULB 00.9	10 1 2	WIND-SPD 11	TRACE DIR 0	5 SQUARE 2
LAT 44 50 N	DAY 12	DATA USE 1	BAROMETER 1011.2	SEA	WIND-FOR	DURATION 00.0	2 SQUARE 48
LONG 049 20 W	HOURL 22.0	AREA 05	CLCUC T/A	CL/TA	WEATHER 42	ORIG 011 723 05	1 SQUARE 49

CASHTM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	DRYG	PD4	TCT P	NO2	NO3	SIO3	PH
	STD	00000	00.45	32.88	26.40	00.000	1448.4							
22.0	OBS	00000	00.45	32.88	26.40		1448.4							
	STD	00010	- 0.13	32.84	26.39	00.016	1445.9							
	OBS	00010	- 0.13	32.84	26.39		1445.9							
	OBS	00014	- 0.46	32.93	26.48		1444.5							
	STD	00020	- 0.45	33.00	26.53	00.032	1444.8							
	OBS	00020	- 0.45	33.00	26.53		1444.8							
	OBS	00023	- 0.65	33.06	26.59		1444.0							
	STD	00030	- 0.69	33.07	26.60	00.047	1443.9							
	OBS	00030	- 0.69	33.07	26.60		1443.9							
	OBS	00033	- 0.63	33.13	26.65		1444.3							
	OBS	00036	- 0.43	33.11	26.62 *		1443.3							
	OBS	00042	- 0.79	33.07	26.60		1443.6							
	STD	00050	- 0.89	33.15	26.67	00.075	1443.4							
	OBS	00050	- 0.86	33.15	26.67		1443.4							
	OBS	GC060	- 0.92	33.15	26.67		1443.4							

REFID 31 8454	YEAR 1975	BOTOP 00115	AIR TEMP 01.2	OIR HGT PER	WIND-DIR 10	INST STD RECORDER	TEM SW 1306
CONSEC 0035	MONTH 04	SHIP EV	WET BULB 01.0	00 A A	WIND-SPD 16	TRACE DIR 0	5 SQUARE 2
LAT 44 46.3N	DAY 13	DATA USE 1	BAROMETER 1007.5	SEA	WIND-FOR	DURATION 00.4	2 SQUARE 48
LONG 049 04.4W	HOURL 01.3	AREA 05	CLOCUC T/A	CL/TA	WEATHER 45	ORIG 011 724	1 SQUARE 49

CASHTM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	DRYG	PD4	TCT P	NO2	NO3	SIO3	PH
	STD	00000	- 0.49	32.87	26.43	00.000	1444.1							
01.3	OBS	00003	- 0.49	32.87	26.43		1444.1							
	STD	00010	- 0.61	32.85	26.42	00.016	1443.7							
	OBS	00011	- 0.64	32.85	26.42		1443.5							
	STD	00020	- 0.92	32.94	26.51	00.032	1442.5							
	OBS	00020	- 0.95	32.95	26.51		1442.4							
	STD	00030	- 1.16	33.03	26.58	00.047	1441.7							
	OBS	00030	- 1.18	33.03	26.58		1441.6							
	OBS	00032	- 1.27	33.02	26.58		1441.2							
	OBS	00034	- 1.30	33.08	26.63		1441.1							
	OBS	00036	- 1.41	33.12	26.66		1440.7							
	OBS	00038	- 1.43	33.16	26.70		1440.7							
	STD	00050	- 1.42	33.21	26.73	00.075	1441.0							
	OBS	00051	- 1.42	33.21	26.74		1441.0							
	STD	00075	- 1.36	33.28	26.79	00.107	1441.8							
	OBS	00076	- 1.36	33.28	26.79		1441.8							
	STD	00100	- 1.32	33.30	26.81	00.138	1442.4							
	OBS	00100	- 1.32	33.30	26.81		1442.5							
	OBS	00106	- 1.31	33.32	26.82		1442.6							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

N C D C S T A T I O N O A T A

REF ID	31	8454	YEAR	1975	BOTOP	00420	AIR TEMP	01.3	OIR	MGT	PER	WIND-OIR	10	INST	STO	RECORDER	TEN	SG	1306
CONSEC		0036	MONTH	04	SHIP	EV	WET BULB	00.7	00	A	A	WIND-SPO	16	TRACE	OIR	0	5	SQUARE	2
LA°	44	44.7N	DAY	13	DATA	USE	BAROMETER	1007.0	SEA			WIND-FOR		DURATION		00.5	2	SQUARE	48
LONG	049	02 W	MOUR		AREA	05	CLOUD T/A		CL/TA			WEATHER	A5	ORIG	011	725	1	SQUARE	49

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
STO	00000	- 0.12	32.87	26.42		00.000	1445.8							
OBS	00001	- 0.12	32.87	26.42			1445.8							
OBS	00037	- 0.15	32.84	26.39	*		1445.7							
STO	00010	- 0.30	32.84	26.40		00.016	1445.1							
OBS	00013	- 0.47	32.85	26.41			1444.4							
STO	00020	- 0.68	32.88	26.44		00.032	1443.5							
OBS	00020	- 0.72	32.89	26.46			1443.4							
OBS	00022	- 0.82	32.93	26.49			1443.0							
OBS	00024	- 0.81	32.95	26.48			1443.0							
OBS	00026	- 1.24	32.98	26.55			1441.2							
STO	00030	- 1.31	33.07	26.62		00.048	1441.0							
OBS	00030	- 1.32	33.08	26.63			1441.0							
STO	00050	- 1.40	33.24	26.76		00.075	1441.2							
OBS	00051	- 1.40	33.25	26.77			1441.2							
STO	00075	- 1.36	33.30	26.81		00.106	1441.8							
OBS	00076	- 1.36	33.30	26.81			1441.5							
STO	00100	- 1.36	33.33	26.83		00.137	1442.3							
OBS	00100	- 1.36	33.33	26.83			1442.3							
OBS	00118	- 1.43	33.37	26.87			1442.3							
STO	00125	- 1.32	33.41	26.89		00.167	1443.0							
OBS	00125	- 1.31	33.41	26.90			1443.1							
STO	00150	- 0.93	33.48	26.94		00.195	1445.3							
OBS	00150	- 0.93	33.48	26.94			1445.4							
OBS	00175	- 0.93	33.49	26.95			1445.8							
STO	00200	- 0.78	33.53	26.97		00.250	1446.9							
OBS	00203	- 0.73	33.54	26.98			1447.3							
OBS	00226	- 0.21	33.66	27.06			1450.2							
STO	00250	00.22	33.80	27.22		00.295	1452.9							
OBS	00251	00.25	33.90	27.23			1453.1							
OBS	00276	00.97	34.12	27.36			1457.0							
STO	00300	01.23	34.20	27.41		00.338	1458.7							
OBS	00300	01.24	34.20	27.41			1458.8							
OBS	00350	01.50	34.30	27.47			1460.9							
OBS	00380	01.76	34.41	27.54			1462.7							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

W D C C S T A T I O N C A T A														
REFID 31 2454	YEAR 1975	BDTOP 01408	AIR TEMP 07.2	OIR HGT PER	WIND-OIR 05	INST STG RECORDER	TEN SO 1306							
CONSEC 0037	MONTH 04	SHIP EV	WET BULB 06.9	00 X X	WIND-SPO 26	TRACE OIR D	5 SQUARE 2							
LAT 44 42.4N	DAY 13	DATA USE 1	BAROMETER 1000.0	SE4	WIND-FOR	DURATION 00.4	2 SQUARE 48							
LONG 048 56.4W	HOOR 02.7	AREA 05	CLCUD T/A	CL/TR	WEATHER X6	DRG 011 724	1 SQUARE 46							
CASTNUM/TIME	LYLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYMDPTH	SHO VEL	OZYG	PO4	TOT P	NO2	NO3	SIO3	PH
02.7	STD	00000	- 0.15	32.84	26.35	00.000	1445.6							
	OBS	00005	- 0.15	32.84	26.39		1445.7							
	STD	00010	- 0.16	32.84	26.39	00.014	1445.7							
	OBS	00011	- 0.16	32.84	26.39		1445.7							
	OBS	00019	- 0.47	32.75	26.37		1444.4							
	STD	00020	- 0.56	32.85	26.42	00.033	1444.0							
	OBS	00020	- 0.64	32.90	26.46		1443.6							
	STD	00030	- 0.93	33.00	26.55	00.048	1442.7							
	OBS	00030	- 0.94	33.00	26.55		1442.7							
	STD	00050	- 1.15	33.08	26.62	00.077	1442.1							
	OBS	00051	- 1.16	33.09	26.63		1442.1							
	STD	00075	- 1.39	33.33	26.84	00.110	1441.7							
	OBS	00076	- 1.40	33.34	26.84		1441.7							
	STD	00100	- 1.55	33.37	26.87	00.140	1441.5							
	OBS	00100	- 1.56	33.38	26.88		1441.4							
	OBS	00102	- 1.58	33.41	26.90		1441.4							
	STD	00125	- 1.10	33.52	26.98	00.165	1444.2							
	OBS	00125	- 1.09	33.52	26.98		1444.3							
	STD	00150	- 0.70	33.57	27.00	00.196	1446.6							
	OBS	00152	- 0.67	33.57	27.00		1446.7							
	OBS	00177	- 0.46	33.62	27.04		1448.1							
	STD	00200	00.29	33.79	27.13	00.246	1452.2							
	OBS	00203	00.36	33.81	27.15		1452.6							
	OBS	00213	00.46	33.87	27.19		1453.4							
	OBS	00217	00.72	33.98	27.26		1454.7							
	OBS	00226	00.79	33.98	27.26		1455.2							
	STD	00250	01.08	34.11	27.35	00.287	1457.1							
	OBS	00251	01.09	34.12	27.35		1457.2							
	OBS	00276	01.31	34.26	27.45		1458.7							
	STD	00300	01.48	34.32	27.46	00.321	1460.0							
	OBS	00300	01.45	34.32	27.49		1460.0							
	OBS	00350	01.74	34.43	27.56		1462.1							
	STD	00400	02.03	34.50	27.59	00.375	1464.3							
	OBS	00401	02.04	34.50	27.59		1464.4							
	OBS	00405	02.07	34.51	27.60		1464.6							
	OBS	00451	02.78	34.68	27.67		1468.7							
	STD	00500	03.22	34.79	27.72	00.426	1471.5							
	OBS	00500	03.22	34.79	27.72		1471.5							
	OBS	00550	03.19	34.77	27.71		1472.2							
	STD	00600	03.37	34.82	27.73	00.469	1473.6							
	OBS	00601	03.37	34.82	27.73		1473.9							
	OBS	00651	03.47	34.85	27.74		1475.2							
	STD	00700	03.49	34.86	27.75	00.511	1476.1							
	OBS	00700	03.49	34.86	27.75		1476.1							
	STD	00800	03.55	34.84	27.73	00.554	1478.0							
	OBS	00800	03.55	34.84	27.73		1478.0							
	STD	00900	03.54	34.87	27.75	00.568	1479.6							
	OBS	00900	03.54	34.87	27.75		1479.6							
	STD	01000	03.50	34.87	27.76	00.641	1481.1							
	OBS	01000	03.50	34.87	27.76		1481.1							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFID 31 0454	YEAR 1975	BOTOP 02085	AIR TEMP 01.7	DIR HGT PER	WIND-DIR 21	INST STD RECORDER	TEMP SG 1306
CONSEC 0038	MONTH 04	SHIP EV	WET GULB 01.7	95 X X	WIND-SPD 26	TRACE DIR C	3 SQUARE 2
LA 44 39 N	DAY 13	DATA USE 1	BAROMETER 0994.3	SEA	WIND-FOR	DURATION 00.4	2 SQUARE 48
LONG 048 43 W	MOJA 05.8	AREA 05	CLCUD 1/4	CL/TR	WEATHER X8	ORIG 011 727	1 SQUARE 48

CASTNO/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	OXYG	PO4	TOT P	AQ2	NO3	SI03	PH
05.8	STO	00000	- 0.30	32.96	26.50	00.000	1445.1							
	085	00000	- 0.30	32.96	26.50		1445.1							
	STO	00010	- 0.34	32.97	26.51	00.015	1445.1							
	085	00011	- 0.35	32.97	26.51		1445.0							
	STO	00020	- 0.41	32.98	26.52	00.031	1444.9							
	085	00020	- 0.41	32.98	26.52		1444.9							
	STO	00030	- 0.44	32.99	26.53	00.046	1445.0							
	085	00030	- 0.44	32.99	26.53		1445.0							
	085	00036	- 0.43	32.99	26.53		1445.1							
	085	00038	- 0.33	33.02	26.55		1444.7							
	085	00040	- 0.47	33.00	26.54		1445.0							
	085	00043	- 0.82	33.00	26.55		1443.4							
	STO	00050	- 0.75	33.07	26.61	00.075	1444.0							
	085	00051	- 0.75	33.09	26.62		1444.0							
	STO	00075	- 1.54	33.34	26.84	00.105	1441.1							
	085	00076	- 1.55	33.35	26.85		1441.0							
	085	00079	- 1.58	33.40	26.90		1441.0							
	085	00085	- 1.43	33.40	26.89		1441.8							
	085	00086	- 1.49	33.45	26.93		1441.7							
	STO	00100	- 0.94	33.58	27.02	00.137	1444.6							
	085	00102	- 0.81	33.61	27.04		1445.3							
	STO	00125	- 0.12	33.70	27.08	00.162	1449.0							
	085	00125	- 0.10	33.70	27.08		1449.1							
	085	00127	- 0.17	33.71	27.10		1448.8							
	085	00131	- 0.12	33.76	27.15		1449.2							
	085	00133	00.28	33.86	27.19		1451.2							
	STO	00150	00.82	34.00	27.27	00.185	1454.1							
	085	00150	00.83	34.00	27.27		1454.2							
	085	00175	00.95	34.10	27.35		1455.2							
	STO	00200	01.23	34.21	27.42	00.222	1457.1							
	085	00203	01.27	34.23	27.43		1457.3							
	085	00228	01.34	34.37	27.52		1459.1							
	STO	00250	01.67	34.42	27.55	00.252	1460.1							
	085	00251	01.68	34.42	27.55		1460.2							
	085	00276	01.86	34.47	27.58		1461.5							
	085	00297	02.06	34.52	27.60		1462.8							
	STO	00300	02.21	34.54	27.61	00.275	1463.5							
	085	00302	02.33	34.56	27.61		1464.1							
	085	00333	02.70	34.62	27.63		1466.3							
	085	00346	03.31	34.70	27.64		1469.2							
	085	00350	03.37	34.71	27.64		1469.6							
	085	00367	03.47	34.72	27.64		1470.3							
	085	00365	03.78	34.79	27.66		1471.7							
	085	00386	03.82	34.80	27.67		1472.2							
	085	00392	03.92	34.80	27.66		1472.7							
	085	00367	03.72	34.79	27.67		1471.9							
	STO	00430	03.77	34.60	27.67	00.327	1472.2							
	085	00401	03.80	34.80	27.67		1472.4							
	085	00422	03.96	34.82	27.67		1473.4							
	085	00428	03.53	34.75	27.66		1471.6							
	085	00434	03.42	34.76	27.68		1471.2							
	085	00437	03.21	34.72	27.66		1470.3							
	085	00451	03.22	34.75	27.69		1470.6							
	085	00474	03.35	34.79	27.71		1471.6							
	085	00483	03.37	34.79	27.70		1471.9							
	STO	00500	03.41	34.80	27.71	00.373	1472.4							
	085	00502	03.42	34.80	27.71		1472.4							
	085	00550	03.46	34.82	27.72		1473.4							
	STO	00600	03.58	34.84	27.72	00.417	1474.8							
	085	00601	03.58	34.84	27.72		1474.8							
	085	00612	03.60	34.87	27.75		1475.1							
	085	00616	03.83	34.89	27.74		1476.2							
	085	00654	04.16	34.94	27.74		1476.3							
	085	00652	03.94	34.91	27.74		1477.9							
	STO	00700	03.69	34.86	27.73	00.460	1476.9							
	085	00700	03.67	34.86	27.73		1476.8							
	085	00750	03.55	34.86	27.74		1477.2							
	085	00755	03.51	34.86	27.75		1477.8							
	STO	00800	03.51	34.86	27.75	00.503	1477.8							
	085	00801	03.51	34.86	27.75		1477.8							
	085	00850	03.46	34.87	27.76		1478.5							
	STO	00900	03.43	34.87	27.76	00.546	1479.2							
	085	00900	03.43	34.87	27.76		1479.2							
	085	00951	03.40	34.86	27.76		1479.9							
	STO	01000	03.42	34.87	27.76	00.588	1480.6							
	085	01001	03.42	34.87	27.76		1480.6							
	085	01020	03.35	34.86	27.76		1481.0							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFID 31	B454	YEAR 1975	BOATP 03186	AIR TEMP 01.0	DIA HGT PER	WIND-DIR 32	INST STO RECORDER	TEN SQ 1306
CONSID 0336		MONTH 04	SHIP EV	WET BULB 00.8	33 5 4	WIND-SPO 38	TRACE DIR	5 SQUARE 2
LA" 44 34 N		DAY 13	DATA USE 1	BAROMETR 0994.9	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 048 11.9W		HOOR	AREA 05	CLOUD T/A	CL/TA	WEATHER 82	DR EG 011 728	1 SQUARE 48

CASTNUM/TIME	LYLTYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SHO VEL	DAYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STO	00000	- 0.43	33.08	26.60	00.000	1444.6							
	085	00001	- 0.43	33.08	26.60		1444.7							
	085	00009	- 0.47	33.07	26.59		1444.6							
	STO	00010	- 0.47	33.08	26.60	00.014	1444.6							
	085	00011	- 0.48	33.09	26.61		1444.6							
	STO	00020	- 0.49	33.12	26.63	00.029	1444.8							
	085	00020	- 0.52	33.12	26.63		1444.6							
	085	00022	- 0.61	33.10	26.62		1444.2							
	STO	00030	- 0.85	33.10	26.63	00.043	1443.2							
	085	00030	- 0.90	33.10	26.63		1443.0							
	085	00032	- 1.12	33.17	26.70		1442.1							
	085	00038	- 1.13	33.25	26.76		1442.2							
	085	00040	- 1.24	33.34	26.84		1441.9							
	085	00043	- 1.20	33.37	26.86		1442.2							
	STO	00050	- 1.06	33.40	26.88	00.065	1443.0							
	085	00051	- 0.76	33.41	26.88		1444.4							
	085	00057	01.45	33.86	27.12		1455.2							
	085	00059	01.85	33.88	27.11		1457.0							
	085	00062	02.95	34.00	27.11		1462.1							
	085	00072	03.42	34.06	27.12		1464.3							
	STO	00075	03.23	34.03	27.11	00.096	1463.5							
	085	00076	03.21	34.02	27.11		1463.4							
	085	00078	03.27	34.05	27.12		1463.8							
	085	00081	03.48	34.09	27.14		1464.8							
	085	00089	01.34	34.02	27.26		1455.5							
	085	00091	01.74	34.05	27.25		1457.3							
	085	00095	02.78	34.14	27.24		1462.1							
	STO	00100	01.33	34.00	27.24	00.118	1455.6							
	085	00104	00.32	33.91	27.23		1451.0							
	STO	00125	00.82	34.10	27.35	00.138	1453.8							
	085	00125	00.83	34.10	27.35		1453.9							
	STC	00150	01.32	34.28	27.45	00.155	1456.7							
	085	00152	01.36	34.27	27.46		1456.9							
	085	00175	01.65	34.37	27.52		1458.7							
	085	00198	01.86	34.46	27.57		1460.2							
	STO	00200	02.01	34.48	27.56	00.185	1460.9							
	085	00203	02.24	34.50	27.57		1462.0							
	085	00205	02.33	34.50	27.57		1462.4							
	085	00230	03.39	34.64	27.56		1467.6							
	085	00237	03.49	34.63	27.57		1468.1							
	085	00239	03.49	34.65	27.58		1468.2							
	085	00247	03.78	34.74	27.62		1469.7							
	STO	00250	03.93	34.75	27.62	00.210	1470.4							
	085	00257	04.16	34.77	27.61		1471.4							
	085	00258	04.17	34.77	27.61		1471.5							
	085	00266	04.67	34.87	27.63		1473.6							
	085	00268	04.69	34.85	27.61		1474.0							
	085	00272	04.78	34.88	27.63		1474.4							
	085	00285	04.77	34.88	27.63		1474.6							
	085	00289	04.73	34.88	27.63		1474.5							
	STO	00300	04.64	34.87	27.64	00.235	1474.3							
	085	00302	04.62	34.87	27.64		1474.3							
	085	00352	04.62	34.91	27.67		1475.1							
	STO	00400	04.64	34.96	27.71	00.283	1476.1							
	085	00401	04.64	34.96	27.71		1476.1							
	085	00451	04.60	34.96	27.71		1476.7							
	STO	00500	04.55	34.98	27.73	00.326	1477.4							
	085	00502	04.55	34.98	27.73		1477.4							
	085	00550	04.53	34.98	27.73		1478.1							
	STO	00600	04.40	34.97	27.74	00.365	1478.4							
	085	00603	04.39	34.97	27.74		1478.4							
	085	00652	04.32	34.96	27.74		1478.9							
	STO	00700	04.23	34.97	27.76	00.411	1479.3							
	085	00700	04.23	34.97	27.76		1479.3							
	085	00750	04.17	34.96	27.76		1479.9							
	STO	00800	04.16	34.96	27.76	00.454	1480.7							
	085	00801	04.16	34.96	27.76		1480.7							
	085	00852	04.08	34.96	27.77		1481.2							
	STO	00900	04.01	34.95	27.77	00.497	1481.7							
	085	00902	04.01	34.95	27.77		1481.8							
	085	00953	03.98	34.95	27.77		1482.5							
	STO	01000	03.92	34.95	27.78	00.535	1483.0							
	085	01001	03.92	34.95	27.78		1483.0							
	085	01012	03.89	34.94	27.77		1483.1							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOD STATION DATA

REFID 31	#454	YEAR 1975	00TOP 03475	AIR TEMP 02.5	OIR MGT PER	WIND-OIR 31	INST STO RECORDER	TEN SQ 1306
CONSEC 0340	MONTH 04	SHIP EV	WET BULB 02.4	11 3 2	WIND-SPD 28	TRACE OIR 0	5 SQUARE 2	
LAT 44 29 N	DAY 13	DATA USE 1	BAROMETER 1007.0	SEA	WIND-FOR	DURATION 00.6	2 SQUARE 46	
LONG 047 47.9W	MOOR 12.7	AREA 05	CLOUD T/A	CL/TB	WEATHER R1	ORIG 011 729	1 SQUARE 47	

CASSTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGNA-T	DYNDPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	S103	PH
12.7	STO	00000	02.26	33.46	26.74	00.000	1457.3							
	OBS	00005	02.26	33.46	26.74		1457.4							
	STO	00010	02.25	33.46	26.74	00.013	1457.4							
	OBS	00011	02.25	33.46	26.74		1457.4							
	STO	00020	02.25	33.48	26.78	00.026	1457.6							
	OBS	00020	02.25	33.48	26.76		1457.6							
	STO	00030	02.15	33.48	26.77	00.039	1457.3							
	OBS	00030	02.13	33.49	26.78		1457.3							
	OBS	00034	01.96	33.56	26.84		1456.7							
	STO	00050	02.01	33.76	27.00	00.063	1457.4							
	OBS	00051	02.01	33.77	27.01		1457.5							
	OBS	00059	01.86	33.81	27.05		1457.0							
	OBS	00062	01.72	33.81	27.06		1456.4							
	STO	00075	01.45	33.88	27.13	00.088	1455.7							
	OBS	00076	01.42	33.89	27.15		1455.4							
	OBS	00079	01.12	33.93	27.20		1454.2							
	OBS	00087	01.20	33.93	27.19		1454.7							
	OBS	00085	00.86	33.94	27.22		1453.2							
	OBS	00093	00.99	34.02	27.28		1454.0							
	OBS	00097	01.79	34.12	27.31		1457.7							
	OBS	00099	01.86	34.14	27.32		1458.1							
	STO	00100	02.04	34.16	27.32	00.109	1458.5							
	OBS	00106	02.97	34.28	27.34		1463.3							
	STO	00125	02.92	34.33	27.38	00.128	1463.4							
	OBS	00125	02.52	34.34	27.39		1463.4							
	OBS	00127	03.09	34.37	27.40		1464.2							
	OBS	00133	03.99	34.49	27.40		1468.3							
	OBS	00140	03.85	34.53	27.45		1468.1							
	OBS	00144	04.33	34.58	27.44		1470.1							
	STO	00150	04.58	34.64	27.46	00.145	1471.3							
	OBS	00150	04.59	34.64	27.46		1471.3							
	OBS	00156	04.58	34.63	27.45		1471.4							
	OBS	00158	04.56	34.61	27.44		1471.3							
	OBS	00159	04.50	34.61	27.44		1471.1							
	OBS	00175	04.59	34.68	27.48		1471.8							
	OBS	00178	04.55	34.67	27.48		1471.8							
	OBS	00194	05.19	34.79	27.51		1474.7							
	STO	00200	04.95	34.75	27.50	00.176	1473.8							
	OBS	00201	04.89	34.74	27.50		1473.5							
	OBS	00218	04.66	34.76	27.55		1472.5							
	OBS	00226	04.93	34.62	27.56		1474.2							
	OBS	00228	04.94	34.81	27.55		1474.3							
	OBS	00234	04.47	34.73	27.54		1472.3							
	OBS	00237	04.27	34.71	27.55		1471.5							
	OBS	00243	04.53	34.87	27.60		1474.6							
	OBS	00245	04.56	34.89	27.61		1474.8							
	STO	00250	05.02	34.90	27.61	00.205	1475.1							
	OBS	00251	05.15	34.91	27.61		1475.6							
	OBS	00276	05.14	34.91	27.61		1476.0							
	STO	00300	04.90	34.88	27.61	00.231	1475.4							
	OBS	00300	04.89	34.88	27.61		1475.4							
	OBS	00350	04.59	34.89	27.66		1474.9							
	STO	00400	04.69	34.95	27.69	00.279	1476.3							
	OBS	00401	04.69	34.95	27.69		1476.3							
	OBS	00451	04.66	34.97	27.71		1477.0							
	STO	00500	04.65	34.99	27.72	00.324	1478.0							
	OBS	00504	04.65	34.99	27.72		1478.0							
	OBS	00550	04.64	34.99	27.73		1478.6							
	STO	00600	04.42	34.96	27.73	00.368	1478.5							
	OBS	00601	04.42	34.96	27.73		1478.5							
	OBS	00651	04.41	34.97	27.74		1479.3							
	STO	00700	04.28	34.96	27.75	00.412	1479.5							
	OBS	00700	04.28	34.96	27.75		1479.5							
	OBS	00750	04.21	34.96	27.75		1480.1							
	STO	00800	04.17	34.95	27.75	00.455	1480.7							
	OBS	00801	04.17	34.95	27.75		1480.7							
	OBS	00850	04.05	34.95	27.76		1481.1							
	STO	00900	04.01	34.96	27.77	00.498	1481.7							
	OBS	00900	04.01	34.96	27.77		1481.7							
	OBS	00953	03.96	34.95	27.77		1482.4							
	OBS	00968	03.95	34.95	27.77		1482.8							
	OBS	00970	03.95	34.96	27.78		1482.8							
	OBS	00972	03.99	34.96	27.78		1482.5							
	STO	01000	03.94	34.95	27.77	00.541	1483.1							
	OBS	01001	03.94	34.95	27.77		1483.1							
	OBS	01035	03.94	34.95	27.77		1483.7							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MODE STATION DATA

FBFIO 31	845A	YEAR 1975	8070P 0371L	AIR TEMP 03.7	OIR PCT PER	WIND-DIR 27	INST STO RECORDER	TEA SO L306
CONSEC	0041	MONTH 04	SHIP EV	WET BULB 02.9	02 3 7	WIND-SPO 26	TRACE DIR 0	5 SQUARE 2
LAT 44	21.8M	DAY 13	DATA USE 1	BAROMETR 1009.5	SEA	WIND-FOR	DURATION 00.6	2 SQUARE 46
LONG 047	17.4W	MOOR 16.0	AREA 05	CLOUD 7/A	CL/TK	WEATHER #2	ORIG 011 730	1 SQUARE 47

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	OXYG	PO4	TOT P	AC2	NC3	SIO3	PH
14.0	STO	00000	05.07	34.18	26.94	00.000	1473.5							
	085	00005	05.07	34.18	26.94		1473.6							
	STO	00010	05.06	34.19	26.95	00.011	1473.8							
	085	00011	05.06	34.19	26.95		1473.8							
	STO	00020	05.06	34.22	26.97	00.022	1473.8							
	085	00020	05.07	34.22	26.97		1473.9							
	STO	00030	06.08	34.29	27.00	00.033	1474.9							
	085	00032	06.13	34.32	27.02		1475.2							
	085	00034	06.17	34.35	27.04		1475.5							
	085	00036	06.29	34.39	27.05		1476.0							
	085	00045	07.23	34.58	27.08		1480.2							
	085	00049	07.09	34.55	27.07		1476.6							
	STO	00050	07.11	34.56	27.08	00.054	1476.7							
	085	00053	07.19	34.61	27.11		1480.2							
	STO	00075	07.00	34.56	27.09	00.079	1475.7							
	085	00076	06.58	34.56	27.10		1479.6							
	085	00078	06.54	34.57	27.11		1479.5							
	085	00081	07.10	34.61	27.12		1480.3							
	085	00085	07.59	34.71	27.13		1482.4							
	085	00089	07.60	34.75	27.16		1482.7							
	STO	00100	07.53	34.72	27.14	00.103	1482.4							
	085	00100	07.47	34.69	27.13		1482.1							
	085	00106	07.06	34.62	27.13		1483.5							
	085	00110	07.07	34.69	27.19		1480.7							
	085	00112	07.41	34.75	27.18		1482.2							
	085	00123	07.32	34.77	27.21		1482.0							
	STO	00125	07.65	34.81	27.19	00.126	1483.5							
	085	00125	07.82	34.83	27.19		1484.1							
	085	00133	07.32	34.76	27.21		1482.2							
	085	00135	06.81	34.70	27.23		1480.1							
	085	00142	06.73	34.74	27.27		1480.0							
	085	00146	06.27	34.63	27.25		1478.1							
	STO	00150	06.19	34.65	27.27	00.148	1477.8							
	085	00150	06.17	34.65	27.28		1477.8							
	085	00154	05.51	34.56	27.24		1476.7							
	085	00156	05.91	34.64	27.30		1476.8							
	085	00161	05.24	34.48	27.26		1474.0							
	085	00175	05.17	34.54	27.31		1474.0							
	085	00177	05.13	34.57	27.34		1473.9							
	085	00178	05.30	34.65	27.38		1474.7							
	085	00184	05.12	34.67	27.42		1474.1							
	085	00186	05.34	34.70	27.42		1475.1							
	STO	00200	05.43	34.72	27.42	00.186	1475.7							
	085	00201	05.46	34.72	27.42		1475.8							
	085	00207	05.55	34.74	27.42		1476.5							
	085	00213	05.34	34.70	27.42		1475.5							
	085	00222	05.23	34.67	27.41		1475.2							
	085	00226	04.94	34.82	27.40		1474.0							
	085	00247	04.73	34.86	27.46		1473.5							
	STO	00250	04.39	34.83	27.47	00.220	1472.1							
	085	00251	04.28	34.62	27.48		1471.7							
	085	00257	04.33	34.64	27.45		1472.0							
	085	00262	04.68	34.71	27.50		1473.6							
	085	00277	05.48	34.84	27.51		1477.3							
	STO	00300	05.75	34.92	27.54	00.251	1478.9							
	085	00302	05.76	34.92	27.54		1479.0							
	085	00329	05.50	34.90	27.56		1478.3							
	085	00352	05.58	34.96	27.60		1479.1							
	STO	00400	05.37	34.99	27.64	00.306	1479.1							
	085	00401	05.36	34.99	27.65		1479.1							
	085	00453	04.54	34.96	27.67		1478.2							
	STO	00500	04.66	34.96	27.70	00.354	1477.8							
	085	00500	04.66	34.96	27.70		1477.8							
	085	00550	04.32	34.93	27.72		1477.2							
	STO	00600	04.17	34.92	27.73	00.355	1477.4							
	085	00601	04.16	34.92	27.73		1477.3							
	085	00651	03.79	34.88	27.73		1476.6							
	STO	00700	04.04	34.93	27.75	00.442	1478.5							
	085	00702	04.05	34.93	27.75		1478.6							
	085	00750	04.01	34.92	27.74		1479.2							
	STO	00800	03.92	34.92	27.75	00.485	1479.8							
	085	00801	03.92	34.92	27.75		1479.7							
	085	00852	03.81	34.92	27.76		1480.1							
	STO	00900	03.53	34.88	27.78	00.528	1479.6							
	085	00900	03.53	34.88	27.78		1479.6							
	085	00953	03.47	34.87	27.78		1480.2							
	085	00972	03.46	34.88	27.77		1480.5							
	STO	01000	03.47	34.87	27.78	00.571	1481.0							
	085	01001	03.47	34.87	27.78		1481.0							
	085	01022	03.53	34.88	27.78		1481.6							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFID 31 8454 YEAR 1975 80TDP 03513 AIR TEMP 03.9 DIR HGT PER WIND-DIR 28 INST STC RECORDER TEN SO 1306
 CDYSEC 0042 MONTH 04 SHIP EV WET BULB 03.2 20 4 5 WIND-SPD 14 TRACE DIR 0 5 SQUARE 2
 LAT 44 11.8N DAY 13 DATA USE 1 BAROMETER 1012.9 SEA WIND-FOR DURATION 00.4 2 SQUARE 46
 LONG 046 35.5W HOUR 21.8 AREA 05 CLOUD T/A CL/TF WEATHER XI DRUG 011 731 1 SQUARE 46

CASTNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDP7M	SND VEL	OAYG	PD4	TOT P	MO2	MO3	SID3	PH
21.8	STD	00000	06.18	34.16	26.89	00.000	1474.7							
	085	00001	06.18	34.16	26.89		1474.7							
	STD	00010	06.19	34.16	26.89	00.012	1474.9							
	085	00011	06.19	34.16	26.89		1474.9							
	STD	00020	06.20	34.17	26.89	00.023	1475.1							
	085	00020	06.20	34.17	26.89		1475.1							
	STD	00030	06.25	34.21	26.92	00.035	1475.5							
	085	00030	06.25	34.21	26.92		1475.5							
	STD	00050	06.33	34.28	26.96	00.058	1476.3							
	085	00051	06.34	34.29	26.97		1476.3							
	085	00053	06.24	34.30	26.99		1476.0							
	085	00066	05.69	34.33	27.08		1474.0							
	085	00070	05.41	34.34	27.13		1473.0							
	STD	00075	05.34	34.37	27.16	00.083	1472.8							
	085	00076	05.33	34.37	27.16		1472.8							
	085	00079	05.34	34.36	27.15		1472.9							
	085	00081	05.55	34.55	27.22		1475.6							
	085	00087	07.29	34.80	27.24		1481.4							
	085	00089	07.43	34.80	27.19		1482.7							
	STD	00100	07.43	34.74	27.17	00.106	1482.0							
	085	00100	07.41	34.73	27.17		1482.0							
	085	00108	07.73	34.82	27.19		1483.4							
	085	00112	08.12	34.91	27.21		1485.1							
	STD	00125	08.13	34.95	27.24	00.129	1485.4							
	085	00127	08.14	34.96	27.24		1485.3							
	STD	00150	08.36	35.02	27.25	00.150	1486.6							
	085	00150	08.36	35.02	27.25		1486.6							
	085	00156	07.76	34.86	27.22		1484.4							
	085	00165	07.47	34.87	27.27		1483.4							
	085	00173	04.67	34.43	27.28		1471.7							
	085	00177	04.32	34.52	27.39		1470.5							
	085	00180	05.07	34.60	27.37		1473.7							
	085	00182	05.23	34.63	27.38		1474.5							
	085	00186	05.05	34.56	27.34		1473.7							
	085	00196	04.24	34.43	27.33		1470.3							
	STD	00200	03.83	34.43	27.37	00.190	1468.7							
	085	00201	03.67	34.42	27.38		1468.0							
	085	00211	03.04	34.34	27.36		1465.4							
	085	00213	03.04	34.37	27.40		1465.4							
	085	00220	04.23	34.65	27.51		1471.0							
	085	00237	05.79	34.86	27.49		1478.0							
	085	00239	05.87	34.85	27.47		1478.3							
	085	00245	05.30	34.85	27.52									
	085	00247	05.96	34.85	27.46		1478.8							
	STD	00250	05.72	34.82	27.47	00.225	1477.8							
	085	00253	05.58	34.79	27.46		1477.3							
	085	00255	05.39	34.87	27.52		1477.4							
	085	00266	06.11	34.93	27.50		1479.6							
	085	00276	06.13	34.96	27.53		1480.1							
	STD	00300	06.16	34.98	27.54	00.256	1480.6							
	085	00300	06.16	34.98	27.54		1480.6							
	085	00350	05.48	34.94	27.59		1478.7							
	085	00367	05.16	34.88	27.58		1477.6							
	085	00371	04.72	34.86	27.62		1475.8							
	085	00362	04.51	34.83	27.62		1475.2							
	085	00369	04.03	34.78	27.63		1473.3							
	STD	00400	04.03	34.78	27.63	00.312	1473.3							
	085	00403	03.98	34.76	27.63		1473.1							
	085	00415	03.67	34.76	27.63		1472.6							
	085	00420	04.17	34.84	27.66		1474.3							
	085	00428	05.01	34.97	27.67		1478.1							
	085	00433	05.18	34.98	27.66		1479.2							
	STD	00500	04.34	34.88	27.68	00.361	1476.4							
	085	00500	04.32	34.88	27.68		1476.3							
	085	00502	04.24	34.88	27.69		1476.0							
	085	00550	04.32	34.93	27.72		1477.2							
	STD	00600	04.35	34.95	27.73	00.407	1478.2							
	085	00603	04.35	34.95	27.73		1478.2							
	085	00652	04.33	34.95	27.73		1478.9							
	STD	00700	04.16	34.94	27.74	00.451	1479.2							
	085	00704	04.18	34.94	27.74		1479.2							
	085	00730	04.01	34.93	27.75		1479.2							
	STD	00800	03.98	34.93	27.75	00.494	1479.9							
	085	00801	03.94	34.93	27.75		1479.9							
	085	00850	04.08	34.96	27.77		1481.2							
	STD	00900	03.91	34.94	27.77	00.537	1481.3							
	085	00902	03.90	34.94	27.77		1481.3							
	085	00953	03.82	34.92	27.76		1481.6							
	STD	01000	03.74	34.92	27.77	00.575	1482.2							
	085	01003	03.73	34.92	27.77		1482.2							
	085	01020	03.76	34.92	27.77		1482.6							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOCC STATION DATA

REF TO 31 8454	YEAR 1975	BOATOP 04023	AIR TEMP 04.2	OIR HGT PEF	WIND-OIR 25	INST STO RECORDER	TEM SO 1306
CONSEC 0043	MONTH 04	SHIP EV	WET BULB 03.9	00 X X	WIND-SPO 05	TRACE OIR 0.	5 SQUARE 2
LA" 44 06 N	DAY 14	DATA USE 1	BAROMETER 1012.0	SEA	WIND-FDA	DURATION 00.4	2 SQUARE 46
LONG 046 11 W	MOOR 01.7	AREA 05	CLOUD T/A	CL/T/A	WEATHER	DRIG 011 732	1 SQUARE 46

CASSTNUM/TIME	LVLTY	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNC VEL	OXYG	PO4	TOT P	MO2	MO3	S103	PH
01.7	STO	00000	03.44	33.70	26.83	00.000	1462.7							
	085	00001	03.44	33.70	26.83		1462.8							
	STO	00010	03.43	33.70	26.83	00.012	1462.9							
	085	00011	03.43	33.70	26.83		1462.9							
	STO	00020	03.43	33.70	26.83	00.025	1463.0							
	085	00020	03.43	33.70	26.83		1463.0							
	STO	00030	03.44	33.71	26.84	00.037	1463.2							
	085	00032	03.44	33.71	26.84		1463.3							
	085	00034	03.44	33.71	26.84		1463.3							
	STO	00050	03.34	33.74	26.87	00.061	1463.2							
	085	00051	03.33	33.75	26.88		1463.2							
	085	00072	04.80	34.02	26.94		1470.1							
	STO	00075	05.23	34.07	26.94	00.090	1472.0							
	085	00065	05.34	34.12	26.96		1472.6							
	085	00087	05.09	34.10	26.97		1471.6							
	085	00091	04.84	34.08	26.95		1470.6							
	STO	00100	03.45	33.95	27.03	00.117	1464.8							
	085	00102	03.39	33.55	27.03		1464.5							
	085	00108	03.67	34.00	27.03		1466.7							
	085	00112	03.53	34.05	27.10		1465.4							
	085	00121	01.76	33.92	27.15		1457.7							
	085	00123	01.66	33.97	27.19		1457.4							
	STO	00125	01.73	34.02	27.23	00.141	1457.8							
	085	00127	01.87	34.07	27.26		1458.5							
	085	00129	01.56	34.06	27.24		1459.0							
	085	00137	02.67	34.27	27.35		1462.4							
	085	00140	02.78	34.28	27.35		1463.0							
	085	00146	03.09	34.37	27.40		1464.5							
	STO	00150	03.72	34.41	27.36	00.161	1467.4							
	085	00152	03.85	34.43	27.37		1468.1							
	085	00154	03.67	34.40	27.34		1468.0							
	085	00159	02.80	34.34	27.40		1463.5							
	085	00165	02.97	34.35	27.42		1464.4							
	085	00169	03.42	34.46	27.44		1466.5							
	085	00173	03.62	34.46	27.42		1467.4							
	085	00175	03.62	34.45	27.41		1467.4							
	085	00180	03.51	34.47	27.44		1467.0							
	085	00188	03.58	34.50	27.45		1467.5							
	085	00194	03.30	34.44	27.43		1466.3							
	085	00198	02.50	34.37	27.45		1462.8							
	STO	00200	02.68	34.44	27.49	00.192	1463.6							
	085	00203	02.98	34.53	27.53		1465.2							
	085	00209	03.35	34.54	27.51		1466.9							
	085	00213	03.26	34.58	27.55		1466.7							
	085	00226	04.22	34.72	27.56		1471.1							
	STO	00250	04.60	34.78	27.57	00.224	1473.2							
	085	00251	04.60	34.79	27.58		1473.2							
	085	00255	04.59	34.81	27.59		1473.3							
	085	00274	04.78	34.87	27.62		1474.4							
	085	00276	04.64	34.82	27.60		1473.9							
	085	00283	04.56	34.82	27.60		1473.7							
	STO	00300	05.16	34.97	27.66	00.250	1476.6							
	085	00302	05.23	34.99	27.66		1476.9							
	085	00350	05.07	34.55	27.65		1477.0							
	STO	00400	05.00	34.99	27.69	00.297	1477.6							
	085	00401	05.00	34.55	27.65		1477.6							
	085	00415	04.58	34.97	27.68		1477.7							
	085	00426	04.55	34.92	27.68		1476.1							
	085	00451	04.37	34.90	27.69		1475.7							
	085	00479	04.42	34.92	27.70		1476.4							
	085	00485	04.19	34.88	27.69		1475.5							
	085	00498	04.53	34.95	27.71		1477.2							
	STO	00500	04.51	34.95	27.71	00.343	1477.1							
	085	00502	04.48	34.95	27.72		1477.1							
	085	00504	04.46	34.97	27.73		1477.1							
	085	00550	04.76	35.01	27.73		1479.1							
	085	00571	04.74	35.00	27.74		1478.9							
	085	00580	04.67	35.02	27.75		1479.3							
	STO	00600	04.58	35.00	27.75	00.386	1479.2							
	085	00601	04.57	35.00	27.75		1479.2							
	085	00652	04.44	35.00	27.76		1479.5							
	STO	00700	04.31	34.97	27.75	00.429	1479.7							
	085	00700	04.31	34.97	27.75		1479.7							
	085	00757	04.14	34.98	27.76		1479.5							
	STO	00800	04.15	34.95	27.76	00.472	1480.2							
	085	00801	04.05	34.95	27.76		1480.2							
	085	00850	03.68	34.95	27.77		1480.8							
	STO	00900	03.68	34.95	27.77	00.514	1481.6							
	085	00900	03.98	34.95	27.77		1481.6							
	085	00953	03.85	34.94	27.78		1481.9							
	STO	01000	03.75	34.92	27.77	00.557	1482.3							
	085	01001	03.75	34.92	27.77		1482.3							
	085	01022	03.73	34.92	27.77		1482.5							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

HCOC STATION DATA

REFID 31	B454	YEAR 1975	60TOP 04206	AIR TEMP 05.2	OIR MGT PER	WIND-DIR 00	INST STC RECORDER	TEM SQ 1506
CONSEC 0044		MONTH 04	SHIP EV	*E7 8UL8 04.2	00 A X	WIND-SPD 00	TRACE OIR 0	5 SQUARE 2
LAT 43 53 N		DAY 14	DATA USE 1	BAROMETR 1006.9	SEA	WIND-FOR	DURATION 00.3	2 SQUARE 24
LONG 045 36.5 W		MOOR 05.0	AREA 05	CLOUD T/A	CL/T/R	WEATHER X2	ORIG 011 733	1 SQUARE 35

CASIDNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOMPH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SI03	PH
05.0	STO	00000	04.19	33.83	26.86									
	085	00001	04.19	33.83	26.86	00.000	1466.1							
	STO	00010	04.19	33.83	26.86									
	085	00011	04.19	33.83	26.86	00.012	1466.2							
	085	00013	04.19	33.83	26.86		1466.3							
	STO	00020	04.19	33.83	26.86									
	085	00020	04.19	33.83	26.86	00.024	1466.4							
	STO	00030	04.17	33.84	26.87									
	085	00030	04.17	33.84	26.87	00.036	1466.5							
	STO	00050	04.18	33.97	26.97									
	085	00053	04.24	34.00	26.99	00.056	1467.1							
	STO	00075	05.05	34.27	27.11									
	085	00076	05.07	34.28	27.12	00.085	1471.6							
	STO	00100	05.10	34.30	27.13									
	085	00100	05.10	34.30	27.13	00.109	1472.1							
	085	00102	05.07	34.31	27.14		1472.2							
	STO	00125	05.15	34.41	27.21									
	085	00127	05.16	34.42	27.22	00.132	1472.9							
	085	00129	05.10	34.41	27.22		1473.0							
	085	00137	04.48	34.36	27.25		1472.8							
	085	00144	04.76	34.48	27.31		1470.3							
	085	00146	05.32	34.56	27.31		1471.7							
	STO	00150	05.31	34.55	27.31									
	085	00150	05.30	34.55	27.30	00.153	1474.2							
	085	00152	05.27	34.55	27.31		1474.1							
	085	00154	05.48	34.60	27.32		1474.0							
	085	00177	05.38	34.63	27.36		1475.0							
	085	00184	05.24	34.60	27.35		1475.0							
	085	00190	04.66	34.52	27.36		1474.5							
	085	00196	04.76	34.59	27.40		1472.1							
	085	00198	05.03	34.66	27.42		1472.7							
	STO	00200	05.01	34.62	27.40									
	085	00203	05.00	34.62	27.40	00.191	1473.9							
	085	00205	05.01	34.65	27.42		1473.9							
	085	00220	04.63	34.68	27.45		1474.0							
	085	00226	04.71	34.61	27.42		1473.9							
	085	00228	04.70	34.66	27.46		1473.1							
	085	00230	05.05	34.72	27.47		1474.6							
	085	00232	05.10	34.71	27.46		1474.9							
	085	00237	04.75	34.65	27.45		1473.4							
	085	00241	04.73	34.66	27.46		1473.4							
	085	00245	05.06	34.73	27.48		1474.9							
	STO	00250	05.14	34.75	27.48									
	085	00251	05.28	34.77	27.48	00.225	1475.4							
	085	00255	05.57	34.89	27.49		1476.0							
	085	00262	05.75	34.88	27.51		1475.0							
	085	00268	05.19	34.78	27.50		1478.4							
	085	00272	03.85	34.60	27.51		1475.9							
	085	00277	03.65	34.63	27.53		1470.2							
	085	00287	03.59	34.64	27.52		1470.3							
	085	00289	03.78	34.62	27.53		1471.1							
	085	00293	03.77	34.65	27.55		1470.2							
	085	00295	04.06	34.72	27.58		1471.6							
	STO	00300	04.18	34.71	27.56									
	085	00300	04.20	34.71	27.56	00.255	1472.2							
	085	00327	03.65	34.69	27.58		1472.3							
	085	00336	04.19	34.74	27.58		1471.2							
	085	00350	03.98	34.74	27.60		1472.9							
	085	00356	04.16	34.78	27.62		1472.2							
	085	00361	04.59	34.86	27.63		1473.1							
	085	00367	04.59	34.86	27.63		1475.1							
	085	00367	04.62	34.92	27.65		1475.2							
	STO	00400	04.62	34.61	27.65		1476.2							
	085	00405	04.63	34.61	27.64	00.308	1476.8							
	085	00451	04.55	34.67	27.68		1475.9							
	085	00460	04.79	34.95	27.68		1478.2							
	085	00470	04.57	34.93	27.69		1477.7							
	STO	00500	04.71	34.96	27.70		1476.9							
	085	00500	04.71	34.96	27.70	00.35e	1478.0							
	085	00504	04.60	34.95	27.70		1478.0							
	085	00552	04.36	34.63	27.71		1476.0							
	STO	00600	04.32	34.95	27.73		1477.4							
	085	00601	04.32	34.65	27.73	00.401	1478.0							
	085	00649	04.21	34.65	27.75		1476.1							
	085	00656	04.08	34.93	27.74		1478.4							
	STO	00700	04.08	34.93	27.74		1477.9							
	085	00704	04.06	34.93	27.74	00.445	1478.7							
	085	00751	04.05	34.94	27.75		1476.7							
	STO	00800	04.01	34.94	27.76		1475.4							
	085	00801	04.01	34.94	27.76	00.467	1480.0							
	085	00852	03.64	34.92	27.75		1480.1							
	STO	00900	03.96	34.95	27.77		1480.6							
	085	00900	03.66	34.95	27.77	00.530	1481.5							
	085	00951	03.90	34.94	27.77		1481.5							
	STO	01000	03.83	34.93	27.77		1482.1							
	085	01001	03.83	34.93	27.77	00.572	1482.6							
	085	01020	03.87	34.93	27.77		1482.6							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFID 31 8454	YEAR 1975	BOTOP 04755	AIR TEMP 07.5	CIR HGT PEA	WIND-DIR 05	INST STO RECORDER	TEN 30 1306
CONSEC 0045	MONTH 04	SHIP EV	WET BULB 07.0	05 2 4	WIND-SPO 15	TRACE DIR 0	5 SQUARE 2
LAT 43 51 N	DAY 14	DATA USE 1	BAROMETR 1006.0	SEA	WIND-FDR	DURATION 00.4	2 SQUARE 24
LONG 045 03 W	MOUR 07.9	AREA 05	CLOUD 7/4	CL/TR	WEATHER 82	ORIG 011 734	1 SQUARE 35

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTN	SND VEL	ORYG	PO4	TOT P	MO2	MO3	SIG3	PH
07.5	STO	00000	14.59	35.58	26.75	00.000	1508.6							
	OBS	00003	14.95	35.98	26.75		1508.6							
	STO	00010	15.00	35.99	26.75	00.013	1508.8							
	OBS	00011	15.00	35.99	26.75		1508.8							
	STO	00020	15.00	35.98	26.74	00.026	1508.9							
	OBS	00020	15.00	35.98	26.74		1508.9							
	STO	00030	15.00	35.98	26.74	00.035	1509.1							
	OBS	00030	15.00	35.98	26.74		1509.1							
	STO	00050	14.99	35.97	26.74	00.066	1509.4							
	OBS	00051	14.99	35.97	26.74		1509.4							
	STO	00075	14.92	35.98	26.74	00.099	1509.7							
	OBS	00079	14.85	35.98	26.74		1509.7							
	STO	00100	14.86	35.95	26.74	00.133	1509.8							
	OBS	00102	14.85	35.94	26.75		1509.8							
	STO	00125	14.46	35.86	26.77	00.166	1508.0							
	OBS	00127	14.41	35.85	26.77		1508.6							
	STO	00150	13.88	35.82	26.86	00.198	1507.3							
	OBS	00152	13.84	35.81	26.86		1507.2							
	STO	00175	13.52	35.74	26.88		1506.4							
	OBS	00200	13.14	35.68	26.91	00.255	1505.5							
	STO	00201	13.13	35.68	26.91		1505.5							
	OBS	00226	13.14	35.72	26.94		1506.0							
	STO	00250	12.80	35.63	26.94	00.315	1505.1							
	OBS	00264	12.28	35.51	26.95		1503.4							
	STO	00270	12.01	35.45	26.95		1502.5							
	OBS	00274	12.73	35.63	26.95		1505.3							
	STO	00276	11.78	35.41	26.97		1501.8							
	OBS	00281	11.37	35.31	26.97		1500.3							
	STO	00300	10.83	35.22	27.00	00.378	1498.6							
	OBS	00302	10.73	35.21	27.01		1498.2							
	STO	00316	10.14	35.15	27.06		1496.3							
	OBS	00323	10.87	35.37	27.11		1499.3							
	STO	00325	10.88	35.36	27.10		1499.3							
	OBS	00335	10.11	35.17	27.08		1496.5							
	STO	00342	09.44	35.04	27.10		1494.0							
	OBS	00350	09.40	35.08	27.13		1494.0							
	STO	00357	10.15	35.30	27.18		1497.2							
	OBS	00400	09.80	35.27	27.21	00.482	1496.6							
	STO	00401	09.78	35.26	27.21		1496.4							
	OBS	00432	08.74	35.05	27.22		1492.9							
	STO	00435	08.35	35.02	27.26		1491.4							
	OBS	00451	08.02	34.98	27.28		1490.4							
	STO	00453	07.98	35.01	27.31		1490.2							
	OBS	00462	07.58	34.92	27.30		1488.7							
	STO	00464	07.58	34.94	27.31		1488.9							
	OBS	00470	07.15	34.85	27.30		1487.2							
	STO	00474	06.91	34.81	27.30		1486.2							
	OBS	00484	06.85	34.86	27.35		1486.3							
	STO	00494	06.45	34.81	27.36		1484.8							
	OBS	00500	06.56	34.88	27.40	00.568	1485.4							
	STO	00502	06.61	34.91	27.42		1485.7							
	OBS	00553	06.47	34.91	27.44		1486.0							
	STO	00555	06.44	34.92	27.45		1485.9							
	OBS	00556	06.04	34.85	27.45		1484.3							
	STO	00600	05.80	34.85	27.52	00.635	1484.0							
	OBS	00603	05.78	34.91	27.53		1484.0							
	STO	00605	05.79	34.92	27.54		1484.1							
	OBS	00612	06.36	35.05	27.57		1486.7							
	STO	00616	06.36	35.04	27.56		1486.7							
	OBS	00620	05.55	34.96	27.55		1485.0							
	STO	00622	05.53	34.98	27.57		1485.0							
	OBS	00632	05.36	34.88	27.56		1482.7							
	STO	00652	05.59	34.97	27.60		1484.1							
	OBS	00700	05.44	35.00	27.64	00.695	1484.4							
	STO	00700	05.44	35.00	27.64		1484.4							
	OBS	00750	05.36	35.02	27.67		1484.5							
	STO	00800	05.02	35.01	27.70	00.752	1484.3							
	OBS	00801	05.01	34.92	27.6300									
	STO	00850	04.78	35.00	27.72		1484.2							
	OBS	00900	04.71	35.00	27.73	00.800	1484.7							
	STO	00900	04.71	35.00	27.73		1484.7							
	OBS	00951	04.71	35.02	27.75		1485.6							
	STO	01000	04.60	35.01	27.75	00.848	1485.9							
	OBS	01001	04.60	35.01	27.75		1485.9							
	STO	01012	04.59	35.01	27.75		1486.1							
	OBS	01020	04.59	35.00	27.74		1486.2							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOD STATION DATA

#2F10 31	#454	YEAR 1973	BDTDP 03682	AIR TEMP 02.9	DJR HGT PER	WIND-DIR 36	INST STD RECORDER	TEM SQ 1306
CD45EC	0046	MONTH 04	SHIP EV	WET BULB 02.8	18 2 3	WIND-SPO 20	TRACE DIR 0	5 SQUARE 2
LAT 44 40.3N		DAY 14	DATA USE 1	BAROMETER 1004.6	SEA	WIND-FDR	DURATION 00.4	2 SQUARE 46
LCMG 04C 00.36		HOUR 15.1	AREA 05	CLOUD T/A	CL/TR	WEATHER X7	ORIG C11 735 11	1 SQUARE 46

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYMPH	SND VEL	DRYG	PO4	TOT P	NO2	NO3	SID3	PH
15.1	STO	00000	03.70	33.89	26.96	00.000	1464.1							
	DBS	00003	03.70	33.89	26.96		1464.2							
	STO	00010	03.70	33.85	26.96	00.011	1464.3							
	DBS	00011	03.70	33.89	26.96		1464.3							
	STO	00020	03.71	33.90	26.96	00.022	1464.5							
	DBS	00020	03.71	33.90	26.96		1464.5							
	DBS	00024	03.54	33.88	26.96		1463.8							
	DBS	00026	03.53	33.91	26.96		1463.8							
	STO	00030	03.55	33.92	26.99	00.033	1464.0							
	DBS	00030	03.55	33.92	26.99		1464.0							
	DBS	00034	03.56	33.95	27.02		1464.1							
	DBS	00038	03.81	34.03	27.06		1465.4							
	STO	00050	04.07	34.16	27.13	00.053	1466.8							
	DBS	00051	04.11	34.18	27.14		1467.1							
	DBS	00057	04.31	34.27	27.20		1468.1							
	DBS	00060	04.78	34.32	27.10		1470.2							
	DBS	00064	04.54	34.36	27.20		1471.0							
	DBS	00068	05.41	34.44	27.20		1473.1							
	STO	00075	05.52	34.45	27.20	00.076	1473.6							
	DBS	00076	05.53	34.45	27.20		1473.7							
	DBS	00078	05.54	34.46	27.20		1473.8							
	DBS	00081	05.79	34.50	27.21		1474.9							
	DBS	00087	05.47	34.47	27.22		1473.7							
	DBS	00089	05.66	34.53	27.25		1474.6							
	DBS	00091	06.96	34.68	27.25		1478.4							
	STO	00100	06.58	34.67	27.24	00.098	1478.6							
	DBS	00100	06.58	34.66	27.23		1478.6							
	DBS	00102	06.57	34.64	27.21		1478.6							
	DBS	00110	05.87	34.53	27.23		1475.8							
	DBS	00119	05.72	34.54	27.25		1475.3							
	DBS	00121	05.42	34.49	27.24		1474.1							
	STO	00125	05.47	34.51	27.25	00.119	1474.3							
	DBS	00129	05.53	34.54	27.27		1474.7							
	DBS	00131	06.02	34.63	27.28		1476.8							
	DBS	00137	05.44	34.53	27.27		1474.4							
	DBS	00148	05.24	34.50	27.27		1473.8							
	STO	00150	05.41	34.53	27.27	00.140	1474.5							
	DBS	00152	05.57	34.55	27.27		1475.2							
	DBS	00154	05.61	34.55	27.27		1475.4							
	DBS	00156	05.36	34.50	27.26		1474.4							
	DBS	00163	05.26	34.52	27.29		1474.1							
	DBS	00167	04.55	34.48	27.29		1472.5							
	DBS	00177	04.81	34.47	27.30		1472.4							
	DBS	00180	04.36	34.40	27.25		1470.5							
	DBS	00184	04.37	34.44	27.32		1470.7							
	DBS	00188	03.56	34.37	27.31		1468.5							
	DBS	00190	04.03	34.35	27.32		1465.3							
	DBS	00194	04.36	34.44	27.32		1470.8							
	STO	00200	04.30	34.45	27.34	00.180	1470.7							
	DBS	00201	04.28	34.46	27.35		1470.6							
	DBS	00211	04.63	34.55	27.38		1472.4							
	DBS	00217	05.21	34.65	27.39		1475.0							
	DBS	00228	05.10	34.62	27.38		1474.7							
	DBS	00247	05.16	34.68	27.42		1475.3							
	DBS	00249	04.53	34.66	27.44		1474.4							
	STO	00250	04.92	34.65	27.43	00.216	1474.3							
	DBS	00251	04.50	34.64	27.42		1474.3							
	DBS	00257	04.73	34.66	27.46		1473.7							
	DBS	00268	04.89	34.74	27.50		1474.6							
	DBS	00270	04.73	34.71	27.50		1474.0							
	DBS	00276	05.42	34.82	27.50		1477.4							
	DBS	00289	05.46	34.83	27.51		1477.4							
	STO	00300	04.38	34.69	27.52	00.245	1473.0							
	DBS	00304	04.02	34.64	27.52		1471.5							
	DBS	00352	04.03	34.74	27.60		1472.4							
	DBS	00354	04.06	34.78	27.63		1472.6							
	STO	00400	04.75	34.89	27.64	00.305	1476.4							
	DBS	00401	04.76	34.89	27.64		1476.5							
	DBS	00451	04.46	34.90	27.68		1476.1							
	DBS	00475	04.50	34.52	27.65		1476.7							
	STO	00500	04.32	34.50	27.69	00.353	1476.3							
	DBS	00500	04.32	34.90	27.69		1476.3							
	DBS	00550	04.54	34.96	27.72		1478.1							
	STO	00600	04.51	34.98	27.74	00.398	1478.9							
	DBS	00601	04.51	34.98	27.74		1478.9							
	DBS	00651	04.44	34.98	27.74		1479.4							
	STO	00700	04.33	34.96	27.74	00.442	1475.8							
	DBS	00702	04.33	34.96	27.74		1475.8							
	DBS	00750	04.28	34.98	27.76		1480.4							
	STO	00800	04.14	34.96	27.76	00.485	1480.6							
	DBS	00801	04.14	34.96	27.76		1480.6							
	DBS	00850	04.08	34.96	27.77		1481.2							
	STO	00900	04.03	34.94	27.76	00.528	1481.8							
	DBS	00900	04.03	34.94	27.76		1481.8							
	DBS	00951	03.94	34.94	27.77		1482.3							
	STO	01000	03.56	34.95	27.77	00.571	1483.2							
	DBS	01001	03.96	34.95	27.77		1483.2							
	DBS	01020	03.92	34.55	27.78		1483.3							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

ESFID 31 8454	YEAR 1975	BC70P 03457	AIR TEMP 04.1	OIR FGT PER	WIND-OIR 31	INST STD RECORDER	TEM SO 1306
CO45EC 0047	MONTH 04	SHIP EV	WET BULB 03.1	10 2 2	WIND-SPD 16	TRACE OIR 0	5 SQUARE 2
LAG 44 59.3M	DAY 14	DATA USE 1	BAROMETER 1005.2	SEA	WIND-FOR	DURATION 00.3	2 SQUARE 46
LONG 046 34.8W	MOOR 19.2	AREA 05	CLOUD 7/4	CL/TA	WEATHER	DRG 011 736 07	1 SQUARE 46

CASSTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYMOPM	SNO VEL	DAYG	PO4	TOT.P	NO2	NO3	SIO3	PH
19.2	STO	C0000	03.39	33.88	26.98	00.000	1462.8							
	OBS	00001	03.39	33.88	26.98		1462.8							
	STO	00010	03.40	33.88	26.98	00.011	1463.0							
	OBS	00011	03.40	33.88	26.98		1463.0							
	STO	00020	03.39	33.88	26.98	00.022	1463.1							
	OBS	00022	03.39	33.88	26.98		1463.1							
	STO	00030	03.39	33.88	26.98	00.033	1463.3							
	OBS	00030	03.39	33.88	26.98		1463.3							
	OBS	00041	03.39	33.87	26.97		1463.4							
	OBS	00043	03.38	33.84	26.97		1462.5							
	STO	C0050	03.10	33.86	26.99	00.054	1462.3							
	OBS	00053	03.05	33.87	27.00		1462.2							
	OBS	00059	02.44	33.88	27.06		1459.6							
	OBS	00060	02.31	33.97	27.14		1459.2							
	OBS	00062	02.38	34.05	27.20		1459.7							
	OBS	00066	03.03	34.19	27.26		1462.7							
	OBS	00072	02.84	34.16	27.25		1462.0							
	OBS	00074	02.92	34.16	27.24		1462.3							
	STO	00075	02.81	34.14	27.24	00.078	1461.9							
	OBS	00078	02.52	34.11	27.24		1460.6							
	OBS	00083	02.53	34.20	27.31		1460.9							
	OBS	00085	03.07	34.28	27.33		1463.3							
	STO	00100	03.45	34.34	27.34	00.098	1465.3							
	OBS	00100	03.53	34.36	27.35		1465.7							
	OBS	00102	03.72	34.40	27.36		1466.6							
	OBS	00110	03.41	34.38	27.35		1466.2							
	OBS	00119	03.60	34.55	27.46		1467.8							
	OBS	00121	04.28	34.58	27.44		1469.5							
	STO	00125	04.52	34.61	27.44	00.116	1470.5							
	OBS	00125	04.55	34.61	27.44		1470.7							
	OBS	00129	04.47	34.64	27.45		1471.3							
	OBS	00135	05.10	34.73	27.47		1473.3							
	OBS	00146	04.44	34.60	27.44		1470.6							
	STO	00150	04.40	34.65	27.49	00.132	1470.5							
	OBS	00150	04.39	34.66	27.50		1470.5							
	OBS	00175	04.19	34.68	27.53		1470.1							
	STO	00200	03.91	34.75	27.62	00.160	1469.4							
	OBS	00201	03.90	34.75	27.62		1469.4							
	OBS	00217	03.90	34.78	27.64		1469.7							
	OBS	00226	04.23	34.80	27.62		1471.3							
	STO	00250	04.39	34.90	27.68	00.184	1472.5							
	OBS	00251	04.43	34.90	27.69		1472.5							
	OBS	00276	04.57	34.92	27.68		1473.7							
	STO	00300	04.57	34.93	27.69	00.206	1474.1							
	OBS	00300	04.57	34.93	27.69		1474.1							
	OBS	00350	04.57	34.97	27.72		1475.0							
	STO	00400	04.48	34.96	27.72	00.250	1475.4							
	OBS	00401	04.48	34.96	27.72		1475.4							
	OBS	00451	04.41	34.97	27.74		1476.0							
	STO	00500	04.30	34.96	27.74	00.252	1476.3							
	OBS	00500	04.30	34.96	27.74		1476.3							
	OBS	00550	04.23	34.96	27.75		1476.8							
	STO	00600	04.23	34.97	27.76	00.333	1477.7							
	OBS	00601	04.23	34.97	27.76		1477.7							
	OBS	00652	04.03	34.95	27.76		1477.7							
	STO	00700	03.99	34.94	27.76	00.374	1478.3							
	OBS	00700	03.99	34.94	27.76		1478.3							
	OBS	00751	04.04	34.98	27.77		1479.4							
	STO	00800	03.94	34.95	27.77	00.415	1479.8							
	OBS	00801	03.94	34.95	27.77		1479.8							
	OBS	00852	03.92	34.95	27.78		1480.6							
	STO	00900	03.91	34.95	27.78	00.457	1481.3							
	OBS	00900	03.91	34.95	27.78		1481.3							
	OBS	00951	03.87	34.94	27.77		1482.0							
	STO	01000	03.82	34.94	27.78	00.458	1482.6							
	OBS	01001	03.82	34.94	27.78		1482.6							
	OBS	01020	03.82	34.94	27.78		1482.9							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFID 31 8454	YEAR 1975	BOTCP 03263	AIR TEMP 01.0	OIR MGT PER	WIND-OIR 03	INST STO RECORDER	TEN SQ 1306
CONSEC 0048	MONTH 04	SHIP EV	NET BULB 00.5	99 X X	WIND-SPO 19	TRACE OIR 0	5 SQUARE 4
LAT 45 13.34	DAY 14	DATA USE 1	BAROMETR 1007.4	SEA	WIND-FOR	DURATION 00.2	2 SQUARE 46
LONG 047 02.54	HOOR 22.2	AREA 05	CLOUD T/A	CL/TR	WEATHER X2	ORIG 011 737	1 SQUARE 57

CASSTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYMPTH	SND VEL	ORYG	PO4	TOT P	NO2	NO3	SIO3	PH
22.2	STO	00000	02.29	33.63	26.87	00.000	1457.7							
	OBS	00003	02.29	33.63	26.87		1457.7							
	STO	00010	02.31	33.64	26.88	00.012	1457.9							
	OBS	00011	02.31	33.64	26.88		1457.9							
	STO	00020	02.30	33.64	26.88	00.024	1458.1							
	OBS	00020	02.30	33.64	26.88		1458.1							
	STO	00030	02.27	33.64	26.88	00.035	1458.1							
	OBS	00030	02.27	33.64	26.88		1458.1							
	OBS	00043	02.93	33.88	27.02		1461.5							
	OBS	00047	03.19	33.92	27.03		1462.7							
	STO	00050	03.25	33.67	27.06	00.057	1463.1							
	OBS	00051	03.30	33.99	27.07		1463.4							
	OBS	00053	03.39	34.01	27.08		1463.8							
	OBS	00055	03.97	34.12	27.11		1466.5							
	STO	00075	04.51	34.39	27.27	00.080	1469.4							
	OBS	00076	04.53	34.39	27.27		1469.5							
	OBS	00078	04.56	34.39	27.26		1469.7							
	OBS	00081	04.33	34.36	27.26		1468.7							
	OBS	00085	04.42	34.43	27.31		1469.3							
	OBS	00091	04.17	34.42	27.33		1468.3							
	OBS	00093	03.85	34.36	27.31		1466.9							
	STO	00100	03.65	34.42	27.36	00.100	1467.1							
	OBS	00100	03.85	34.43	27.37		1467.1							
	OBS	00102	04.07	34.46	27.37		1468.1							
	OBS	00110	04.12	34.53	27.42		1468.5							
	OBS	00112	04.41	34.56	27.41		1469.8							
	OBS	00119	04.37	34.54	27.40		1469.8							
	STO	00125	03.65	34.44	27.40	00.118	1466.7							
	OBS	00127	03.46	34.42	27.40		1465.9							
	OBS	00133	03.41	34.45	27.43		1465.8							
	OBS	00140	03.64	34.52	27.46		1467.0							
	STO	00150	03.71	34.53	27.46	00.134	1467.5							
	OBS	00152	03.76	34.53	27.46		1467.7							
	OBS	00163	04.14	34.64	27.51		1469.7							
	OBS	00175	04.16	34.63	27.50		1469.9							
	OBS	00196	04.16	34.70	27.55		1470.4							
	STO	00200	04.50	34.76	27.56	00.164	1471.9							
	OBS	00205	04.75	34.81	27.57		1473.1							
	OBS	00209	04.74	34.82	27.58		1473.2							
	OBS	00213	05.15	34.86	27.57		1475.0							
	OBS	00226	04.93	34.80	27.55		1474.2							
	STO	00250	04.34	34.76	27.58	00.192	1472.1							
	OBS	00251	04.32	34.76	27.58		1472.0							
	OBS	00266	04.23	34.78	27.61		1471.9							
	OBS	00268	04.01	34.74	27.60		1471.0							
	OBS	00276	03.93	34.76	27.62		1470.8							
	OBS	00281	04.15	34.80	27.63		1472.0							
	STO	00300	04.31	34.81	27.62	00.218	1472.9							
	OBS	00300	04.32	34.81	27.62		1472.9							
	OBS	00306	04.12	34.76	27.62		1472.1							
	OBS	00310	03.81	34.74	27.62		1470.8							
	OBS	00321	03.73	34.80	27.68		1470.7							
	OBS	00327	04.16	34.87	27.69		1472.7							
	OBS	00350	04.28	34.87	27.67		1473.6							
	STO	00400	04.60	34.96	27.71	00.265	1475.9							
	OBS	00401	04.60	34.96	27.71		1475.9							
	OBS	00451	04.33	34.94	27.72		1475.6							
	STO	00500	04.17	34.94	27.74	00.308	1475.8							
	OBS	00502	04.17	34.94	27.74		1475.8							
	OBS	00546	04.14	34.94	27.75		1476.4							
	STO	00600	03.90	34.92	27.75	00.349	1476.2							
	STO	00700	03.61	34.90	27.76	00.390	1476.6							
	OBS	00765	03.55	34.85	27.77		1477.5							
	OBS	00780	03.55	34.85	27.77		1477.7							
	STO	00800	03.63	34.90	27.77	00.431	1478.4							
	OBS	00801	03.64	34.90	27.77		1478.5							
	OBS	00852	03.74	34.91	27.76		1479.7							
	STO	00900	03.85	34.91	27.77	00.472	1480.2							
	OBS	00900	03.65	34.91	27.77		1480.2							
	OBS	00951	03.21	34.88	27.76		1480.4							
	STO	01000	03.46	34.88	27.77	00.514	1481.0							
	OBS	01001	03.46	34.88	27.77		1481.0							
	OBS	01024	03.46	34.88	27.77		1481.4							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFID 31 8454 YEAR 1975 BOTOP 02151 AIR TEMP OIR HGT PER WIND-DIR 26 INST STO RECORDER TEM SO 1306
 CONSEC 0049 MONTH 04 SHIP EV WET BULB 99 X X WIND-SPD 12 TRACE DIR C 9 SQUARE 4
 LAT 45 30 N DAY 15 DATA USE 1 BAROMETER 1004.5 SEA WIND-FOR DURATION 00.3 2 SQUARE 46
 LONG 047 28 W HOUR 01.6 AREA 05 CLCUO T/A CL/TR WEATHER A2 DRIG 011 738 1 SQUARE 57

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYMDPTH	SND VEL	DAYG	PO4	TOT P	MO2	MO3	SIO3	PH
01.6	STO	00000	- 0.05	33.25	26.72	00.000	1446.6							
	085	00001	- 0.05	33.25	26.72		1446.7							
	085	00003	- 0.07	33.25	26.72		1446.6							
	085	00007	- 0.07	33.24	26.71		1446.7							
	085	00009	00.05	33.38	26.82		1447.4							
	STO	00010	00.32	33.39	26.82	00.013	1446.7							
	085	00013	01.81	33.50	26.81		1455.6							
	085	00017	02.95	33.64	26.83		1460.8							
	085	00019	03.03	33.71	26.88		1461.5							
	STO	00020	03.12	33.71	26.87	00.025	1461.7							
	085	00022	03.31	33.74	26.87		1462.6							
	STO	00030	03.45	33.89	26.98	00.036	1463.7							
	085	00030	03.50	33.90	26.98		1463.8							
	085	00034	03.61	33.95	27.01		1464.4							
	085	00038	03.90	34.01	27.03		1465.7							
	085	00045	03.65	33.99	27.04		1464.8							
	STO	00050	03.62	33.98	27.04	00.058	1464.7							
	085	00053	03.39	33.95	27.03		1463.7							
	085	00064	02.19	33.86	27.07		1458.6							
	085	00070	02.36	33.90	27.08		1459.5							
	STO	00075	02.11	33.96	27.16	00.082	1458.6							
	085	00076	02.06	33.96	27.17		1458.4							
	085	00078	01.97	33.96	27.16		1458.0							
	085	00085	02.31	34.05	27.21		1459.7							
	085	00087	02.32	34.06	27.22		1459.8							
	STO	00100	02.07	34.15	27.31	00.103	1459.1							
	085	00100	02.06	34.16	27.32		1459.0							
	STO	00125	02.21	34.28	27.40	00.122	1460.3							
	085	00125	02.22	34.28	27.40		1460.3							
	STO	00150	02.57	34.42	27.48	00.138	1462.4							
	085	00152	02.63	34.45	27.50		1462.8							
	085	00158	02.81	34.54	27.56		1463.8							
	085	00159	03.42	34.62	27.56		1466.5							
	085	00161	03.56	34.61	27.54		1467.1							
	085	00173	03.42	34.58	27.53		1466.7							
	085	00177	03.74	34.68	27.58		1468.2							
	085	00178	03.82	34.67	27.56		1468.6							
	085	00188	04.79	34.82	27.58		1473.0							
	STO	00200	04.84	34.84	27.59	00.167	1473.4							
	085	00201	04.85	34.85	27.60		1473.5							
	085	00207	05.22	34.89	27.58		1475.2							
	085	00211	05.03	34.86	27.58		1474.4							
	085	00218	04.50	34.78	27.58		1472.3							
	085	00228	04.29	34.76	27.59		1471.5							
	085	00247	04.28	34.78	27.60		1471.8							
	STO	00250	04.54	34.84	27.62	00.193	1473.0							
	085	00255	04.96	34.94	27.65		1475.0							
	085	00276	04.93	34.91	27.63		1475.1							
	STO	00300	04.89	34.96	27.68	00.217	1475.4							
	085	00300	04.89	34.96	27.68		1475.5							
	085	00352	04.98	34.99	27.69		1476.7							
	STO	00400	04.51	34.94	27.71	00.262	1475.5							
	085	00401	04.51	34.94	27.70		1475.5							
	085	00451	04.71	35.00	27.73		1477.3							
	STO	00500	04.42	34.95	27.72	00.306	1476.8							
	085	00500	04.42	34.95	27.72		1476.8							
	085	00550	04.24	34.96	27.75		1476.9							
	STO	00600	04.16	34.95	27.75	00.349	1477.4							
	085	00601	04.16	34.95	27.75		1477.4							
	085	00651	04.12	34.95	27.76		1478.0							
	STO	00700	04.04	34.94	27.76	00.391	1478.5							
	085	00702	04.03	34.94	27.76		1478.5							
	085	00750	03.89	34.93	27.76		1478.7							
	STO	00800	03.74	34.91	27.76	00.432	1478.9							
	085	00803	03.74	34.91	27.76		1478.9							
	085	00850	03.78	34.93	27.77		1479.9							
	STO	00900	03.74	34.92	27.77	00.474	1480.5							
	085	00900	03.74	34.92	27.77		1480.6							
	085	00951	03.67	34.91	27.77		1481.1							
	STO	01000	03.64	34.91	27.77	00.516	1481.8							
	085	01001	03.64	34.91	27.77		1481.8							
	085	01018	03.64	34.92	27.78		1482.1							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

W D D C S T A T I O N C A T A

REFID 31 6454	YEAR 1975	BOTDP 01312	AIR TEMP DO.2	DIA MGT PER	WIND-DIA 27	INST STD RECORDER	TEN SQ 1306
CONSEC 0030	MONTH 04	SHIP EV	NET BULB -00.5	89 A X	WIND-SPD 10	TRACE DIA 0	5 SQUARE 4
LAT 45 40 N	DAY 15	DATE USE 1	BAROMETER 1004.0	SEA	WIND-FDA	DURATION 00.3	2 SQUARE 46
LONG 047 44 W	HOUR 04.1	AREA 05	CLCUO T/A	CL/T/A	WEATHER A2	DRIG 011 735	1 SQUARE 57

CASSTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	DRYG	PO4	TDT P	NO2	NO3	SIO3	PH
04.1 STD		00000	- 0.66	32.96	26.51	00.000	1443.4							
OBS		00001	- 0.66	32.96	26.51		1443.4							
STD		00010	- 0.65	32.97	26.52	00.015	1443.6							
OBS		00011	- 0.65	32.97	26.52		1443.7							
STD		00020	- 0.78	32.89	26.54	00.030	1443.2							
OBS		00022	- 0.83	33.00	26.55		1443.0							
STD		00030	- 0.95	33.04	26.58	00.045	1442.7							
OBS		00030	- 0.96	33.04	26.59		1442.6							
OBS		00043	- 1.23	33.24	26.76		1441.9							
STD		00050	- 1.19	33.34	26.64	00.072	1442.3							
OBS		00051	- 1.19	33.37	26.86		1442.4							
OBS		00055	- 1.20	33.45	26.93		1442.5							
STD		00075	00.17	33.60	27.15	00.099	1449.6							
OBS		00076	00.22	33.61	27.16		1449.9							
STD		00100	00.47	33.98	27.28	00.120	1451.7							
OBS		00100	00.49	33.99	27.29		1451.6							
STD		00125	01.14	34.11	27.34	00.140	1455.3							
OBS		00125	01.15	34.11	27.34		1455.3							
STD		00150	01.37	34.25	27.44	00.157	1456.9							
OBS		00150	01.37	34.25	27.44		1456.9							
OBS		00175	01.52	34.30	27.47		1458.1							
STD		00200	01.61	34.38	27.53	00.186	1459.0							
OBS		00201	01.63	34.39	27.53		1459.1							
OBS		00226	02.11	34.50	27.58		1461.8							
STD		00250	02.04	34.51	27.60	00.215	1461.9							
OBS		00251	02.04	34.51	27.60		1461.9							
OBS		00277	02.08	34.55	27.63		1462.6							
OBS		00295	02.20	34.56	27.64		1463.4							
STD		00300	02.39	34.61	27.65	00.240	1464.4							
OBS		00300	02.43	34.62	27.65		1464.6							
OBS		00302	02.54	34.64	27.66		1465.1							
OBS		00306	02.88	34.68	27.66		1466.7							
OBS		00352	03.11	34.75	27.70		1468.5							
STD		00400	03.55	34.83	27.72	00.264	1471.3							
OBS		00401	03.56	34.83	27.72		1471.4							
OBS		00453	03.56	34.84	27.73		1472.3							
STD		00500	03.55	34.85	27.73	00.326	1473.0							
OBS		00500	03.55	34.85	27.73		1473.0							
OBS		00550	03.53	34.86	27.74		1473.8							
STD		00600	03.49	34.86	27.75	00.367	1474.4							
OBS		00601	03.45	34.86	27.75		1474.4							
OBS		00651	03.49	34.86	27.75		1475.3							
STD		00700	03.46	34.86	27.75	00.408	1476.0							
OBS		00700	03.46	34.86	27.75		1476.0							
OBS		00751	03.46	34.86	27.75		1476.8							
STD		00800	03.43	34.86	27.76	00.450	1477.4							
OBS		00803	03.40	34.86	27.76		1477.4							
OBS		00850	03.38	34.86	27.76		1478.1							
STD		00900	03.37	34.86	27.76	00.491	1478.9							
OBS		00900	03.37	34.86	27.76		1478.9							
OBS		00951	03.37	34.86	27.76		1479.6							
STD		01000	03.37	34.86	27.76	00.534	1480.6							
OBS		01003	03.37	34.86	27.76		1480.6							
OBS		01020	03.37	34.86	27.76		1480.6							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MODE STATION DATA

REFID 31 8454	YEAR 1975	NOTOP 00460	AIR TEMP 00.5	DJR HGT PEP	WIND-DIR 18	INST STD RECORDER	TEM SO 1306
CONSEC 0051	MONTH 04	SHIP EV	WET BULB -00.3	59 A A	WIND-SPO 36	TRACE DIR 0	5 SQUARE 4
LAT 45 45.44	DAY 15	DATA USE 1	BAROMETER 1006.2	SEA	WIND-FOR	DURATION 00.2	2 SQUARE 46
LONG 047 58.20	MOUR 06.0	AREA 05	CLCUD T/A	CL/TR	WEATHER X2	ORIG 011 740	1 SQUARE 57

CASTNUM/TIME	LVL/TP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SHO VEL	DAYG	PD4	TOT P	NO2	NO3	SIO3	PH
06.0	STD	00000	- 0.69	32.90	26.46	00.000	1443.2							
	OBS	00003	- 0.65	32.50	26.46		1443.2							
	STD	00010	- 0.70	32.90	26.46	00.016	1443.3							
	OBS	00011	- 0.70	32.50	26.46		1443.3							
	STD	00020	- 0.74	32.91	26.47	00.031	1443.3							
	OBS	00020	- 0.75	32.91	26.47		1443.3							
	STD	00030	- 0.91	32.94	26.50	00.047	1442.7							
	OBS	00030	- 0.92	32.94	26.50		1442.7							
	OBS	00043	- 1.25	33.00	26.56		1441.4							
	STD	00050	- 1.46	33.08	26.63	00.077	1440.7							
	OBS	00051	- 1.48	33.09	26.64		1440.6							
	OBS	00062	- 1.59	33.18	26.72		1440.4							
	STD	00075	- 1.42	33.23	26.76	00.110	1441.5							
	OBS	00076	- 1.40	33.24	26.76		1441.6							
	STD	00100	- 0.65	33.46	26.92	00.141	1445.8							
	OBS	00100	- 0.63	33.47	26.92		1445.9							
	STD	00125	- 0.30	33.56	26.98	00.165	1448.0							
	OBS	00125	- 0.29	33.56	26.98		1448.0							
	STD	00150	- 0.01	33.66	27.05	00.155	1449.8							
	OBS	00150	- 0.01	33.66	27.05		1449.9							
	OBS	00175	00.19	33.72	27.09		1451.3							
	STD	00200	00.59	33.87	27.15	00.243	1453.7							
	OBS	00201	00.61	33.88	27.19		1453.8							
	OBS	00226	00.81	33.92	27.21		1455.2							
	STD	00250	00.90	33.97	27.25	00.286	1456.1							
	OBS	00253	00.91	33.98	27.25		1456.2							
	OBS	00276	01.02	34.03	27.29		1457.1							
	STD	00300	01.11	34.14	27.37	00.325	1458.1							
	OBS	00300	01.12	34.14	27.37		1458.1							
	OBS	00350	01.76	34.39	27.52		1462.1							
	STD	00400	02.65	34.66	27.67	00.384	1467.2							
	OBS	00401	02.67	34.67	27.67		1467.4							
	OBS	00451	03.20	34.76	27.70		1470.6							

MODE STATION DATA

REFID 31 8454	YEAR 1975	NOTOP 00120	AIR TEMP	DJR HGT PER	WIND-DIR 16	INST STD RECORDER	TEM SO 1306
CONSEC 0052	MONTH 04	SHIP EV	WET BULB	00 0 A	WIND-SPO 36	TRACE DIR 0	5 SQUARE 4
LAT 45 52 N	DAY 15	DATA USE 1	BAROMETER 1006.8	SEA	WIND-FOR	DURATION 00.0	2 SQUARE 48
LONG 048 08 W	MOUR 07.5	AREA 05	CLCUD T/A	CL/TR	WEATHER A7	ORIG 011 741	1 SQUARE 58

CASTNUM/TIME	LVL/TP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SHO VEL	DAYG	PD4	TOT P	NO2	NO3	SIO3	PH
07.5	STD	00000	- 0.73	32.52	26.48	00.000	1443.0							
	OBS	00005	- 0.73	32.52	26.48		1443.1							
	STD	00010	- 0.73	32.52	26.48	00.016	1443.2							
	STD	00020	- 0.73	32.52	26.48	00.031	1443.4							
	STD	00030	- 0.73	32.52	26.48	00.047	1443.5							
	OBS	00030	- 0.73	32.52	26.48		1443.5							
	STD	00050	- 1.05	32.68	26.54	00.077	1442.3							
	OBS	00055	- 1.16	33.01	26.57		1442.0							
	STD	00075	- 1.37	33.20	26.73	00.113	1441.7							
	OBS	00079	- 1.43	33.24	26.76		1441.7							
	STD	00100	- 1.42	33.38	26.87	00.144	1442.1							
	OBS	00100	- 1.43	33.38	26.88		1442.1							
	OBS	00112	- 1.55	33.36	26.86		1441.6							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFID 31 8454	YEAR 1975	OTDTP 00059	AIR TEMP	DIA MGT PER	WIND-OIR 25	INST STD RECORDER	TEN SO 1306
CONSEC 0053	MONTH 04	SHIP EV	WET BULB	29 1 2	WIND-SPD 17	TRACE OIR 0	5 SQUARE 4
LAT 45 57 N	DAY 15	DATA USE 1	BAROMETR 1005.0	SEA	WIND-FOR	DURATION 00.1	2 SQUARE 40
LONG 048 16.50	MOOR 08.7	AREA 05	CLOUD T/A	CL/TR	WEATHER X2	ORIG 011 742	1 SQUARE 50

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNPTH	SND VEL	DRYG	PO4	TOT P	MO2	MO3	SIO3	PH
08.7	STD	00000	- 0.67	32.86	26.43	00.000	1443.2							
	OBS	00001	- 0.67	32.86	26.43		1443.3							
	STD	00010	- 0.66	32.87	26.44	00.016	1443.4							
	OBS	00015	- 0.66	32.87	26.44		1443.5							
	STD	00020	- 0.67	32.87	26.44	00.032	1443.6							
	STD	00030	- 0.70	32.87	26.44	00.048	1443.6							
	OBS	00030	- 0.70	32.87	26.44		1443.6							
	STD	00050	- 1.29	32.93	26.51	00.079	1441.2							
	OBS	00055	- 1.39	32.99	26.56		1440.9							
	OBS	00060	- 1.47	33.07	26.63		1440.8							
	OBS	00064	- 1.49	33.10	26.65		1440.8							
	STD	00075	- 1.35	33.28	26.75	00.114	1441.9							
	OBS	00079	- 1.34	33.32	26.82		1442.0							
	OBS	00091	- 1.46	33.31	26.82		1441.7							

MOOC STATION DATA

REFID 31 8454	YEAR 1975	OTDTP 03086	AIR TEMP	OIR MGT PER	WIND-OIR 26	INST STD RECORDER	TEN SO 1306
CONSEC 0054	MONTH 04	SHIP EV	WET BULB -01.0	95 X X	WIND-SPD 10	TRACE OIR 0	5 SQUARE 4
LAT 46 08.9N	DAY 15	DATA USE 1	BAROMETR 1006.0	SEA	WIND-FOR	DURATION 00.1	2 SQUARE 60
LONG 048 33.50	MOOR 10.3	AREA 05	CLOUD 7/A	CL/TR	WEATHER X2	ORIG 011 743	1 SQUARE 68

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNPTH	SND VEL	DRYG	PO4	TOT P	MO2	MO3	SIO3	PH
10.3	STD	00000	- 0.48	32.94	26.45	00.000	1444.2							
	OBS	00003	- 0.48	32.94	26.49		1444.3							
	STD	00010	- 0.47	32.94	26.45	00.016	1444.4							
	OBS	00015	- 0.47	32.95	26.50		1444.5							
	STD	00020	- 0.48	32.97	26.51	00.031	1444.6							
	STD	00030	- 0.54	33.00	26.54	00.046	1444.5							
	OBS	00030	- 0.54	33.00	26.54		1444.5							
	STD	00050	- 0.75	33.04	26.58	00.076	1443.5							
	OBS	00055	- 0.80	33.04	26.58		1443.8							
	OBS	00064	- 0.90	33.04	26.58		1443.5							
	STD	00075	- 1.36	33.07	26.82	00.112	1441.5							
	OBS	00076	- 1.41	33.09	26.84		1441.3							
	OBS	00077	- 1.29	33.11	26.85		1441.9							

MOOC STATION DATA

REFID 31 8454	YEAR 1975	OTDTP 00070	AIR TEMP	OIR MGT PER	WIND-OIR 27	INST STD RECORDER	TEN SO 1306
CONSEC 0055	MONTH 04	SHIP EV	WET BULB -00.3	01 1 3	WIND-SPD 10	TRACE OIR 0	5 SQUARE 4
LAT 46 16 N	DAY 15	DATA USE 1	BAROMETR 1017.5	SEA	WIND-FOR	DURATION 00.0	2 SQUARE 68
LONG 048 45.5W	MOOR 12.4	AREA 05	CLOUD T/A	CL/TR	WEATHER X1	ORIG 011 744	1 SQUARE 68

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNPTH	SND VEL	DRYG	PO4	TOT P	MO2	MO3	SIO3	PH
12.4	STD	00000	- 0.19	33.06	26.57	00.000	1445.8							
	OBS	00001	- 0.19	33.06	26.57		1445.8							
	STD	00010	- 0.22	33.05	26.57	00.015	1445.7							
	OBS	00011	- 0.23	33.05	26.57		1445.7							
	STD	00020	- 0.26	33.05	26.56	00.030	1445.7							
	STD	00030	- 0.30	33.04	26.56	00.044	1445.7							
	OBS	00030	- 0.30	33.04	26.58		1445.7							
	OBS	00040	- 0.77	33.06	26.60		1443.7							
	OBS	00049	- 0.79	33.07	26.60		1443.8							
	STD	00050	- 0.79	33.07	26.60	00.074	1443.8							
	OBS	00055	- 0.78	33.01	26.60		1443.9							
	OBS	00056	- 0.90	33.05	26.55		1443.4							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION 0416

REFID 51 B454 YEAR 1975 BOTOP 0431T AIR TEMP 17.0 DIR ACT PER WIND-DIR 39 INST STO RECORDER TEN SO 1306
 CONSEC 0056 MONTH 04 SHIP EV MET BULB 15.8 39 5 4 WIND-SPO 24 TRACE DIA 0 5 SQUARE 2
 LAT 43 51.2N DAY 21 DATA USE 1 BAROMETER 1001.4 SEA 10 WIND-FOR DURATION 00.6 2 SQUARE 24
 LONG 045 02 W HOUR 17.3 AREA 05 CLOUD T/A CL/TR WEATHER 12 DR 16 011 745 11 1 SQUARE 35

CASIMM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYNDPTH	SNO VEL	CRYG	PO4	TOT P	NO2	NO3	S103	PH
17.3	STO	00000	15.40	36.09	26.74	00.000	1510.0							
	005	00005	15.40	36.09	26.74		1510.1							
	005	00007	15.40	36.09	26.74		1510.1							
	005	00009	15.40	36.08	26.73		1510.1							
	STO	00010	15.40	36.08	26.74	00.013	1510.1							
	005	00011	15.39	36.09	26.74		1510.1							
	005	00013	15.38	36.05	26.74		1510.1							
	005	00015	15.40	36.09	26.74		1510.2							
	005	00017	15.39	36.09	26.74		1510.2							
	005	00019	15.38	36.08	26.74		1510.2							
	STO	00020	15.40	36.08	26.73	00.026	1510.3							
	005	00020	15.40	36.08	26.73		1510.3							
	005	00022	15.38	36.09	26.74		1510.3							
	005	00024	15.40	36.08	26.73		1510.4							
	005	00026	15.38	36.07	26.73		1510.3							
	005	00028	15.37	36.09	26.75		1510.4							
	STO	00030	15.37	36.08	26.74	00.040	1510.4							
	005	00030	15.37	36.08	26.74		1510.4							
	005	00032	15.37	36.08	26.74		1510.4							
	005	00034	15.37	36.08	26.74		1510.4							
	005	00036	15.30	36.09	26.76		1510.3							
	005	00038	15.36	36.08	26.74		1510.3							
	005	00040	15.35	36.06	26.73		1510.5							
	005	00041	15.33	36.06	26.73		1510.4							
	005	00043	15.31	36.06	26.74		1510.4							
	005	00045	15.29	36.06	26.74		1510.4							
	005	00047	15.26	36.05	26.74		1510.3							
	005	00049	15.24	36.05	26.74		1510.2							
	STO	00050	15.24	36.06	26.75	00.066	1510.3							
	005	00051	15.24	36.06	26.75		1510.3							
	005	00053	15.21	36.00	26.71		1510.2							
	005	00055	15.15	36.01	26.73		1510.0							
	005	00059	15.10	36.01	26.75		1505.9							
	005	00062	15.04	35.99	26.74		1509.8							
	005	00066	14.98	35.98	26.75		1509.6							
	005	00070	14.98	36.00	26.76		1509.7							
	005	00072	15.00	36.00	26.76		1509.8							
	005	00074	14.95	35.99	26.76		1509.7							
	STO	00075	14.95	35.99	26.76	00.095	1509.7							
	005	00076	14.94	35.99	26.77		1509.7							
	005	00079	14.85	35.98	26.78		1505.4							
	005	00083	14.76	35.95	26.77		1509.2							
	005	00085	14.64	35.92	26.78		1508.8							
	005	00087	14.55	35.91	26.79		1508.5							
	005	00089	14.51	35.92	26.81		1506.4							
	005	00095	14.41	35.90	26.81		1506.2							
	005	00097	14.31	35.91	26.83		1506.1							
	STO	00100	14.31	35.91	26.83	00.131	1506.1							
	005	00108	14.26	35.89	26.84		1507.9							
	STO	00125	13.95	35.81	26.84	00.163	1507.1							
	005	00125	13.94	35.81	26.84		1507.0							
	STO	00150	13.51	35.76	26.90	00.193	1506.0							
	005	00150	13.50	35.76	26.90		1505.9							
	005	00175	12.93	35.59	26.88		1504.3							
	005	00180	12.41	35.44 P	26.870									
	STO	00200	12.36	35.51	26.95	00.253	1502.6							
	005	00201	12.36	35.50	26.93		1502.6							
	005	00207	12.54	35.57	26.94		1503.4							
	005	00213	12.87	35.63	26.94		1504.7							
	005	00226	12.50	35.55	26.94		1503.6							
	STO	00250	12.25	35.55	26.98	00.312	1503.1							
	005	00251	12.24	35.55	26.99		1503.1							
	005	00264	12.08	35.52	27.00		1502.7							
	005	00276	11.59	35.37	26.97		1501.0							
	005	00277	11.47	35.36	27.00		1500.7							
	005	00281	11.17	35.34	27.03		1499.6							
	STO	00300	11.19	35.42	27.09	00.367	1500.1							
	005	00302	11.19	35.43	27.09		1500.2							
	005	00304	10.91	35.36	27.09		1499.1							
	005	00316	09.67	35.07	27.08		1494.5							
	005	00338	08.50	34.97	27.13		1491.9							
	005	00340	08.60	34.76 P	27.040									
	005	00342	08.17	34.79 P	27.100									
	005	00346	08.26	35.05 P	27.290									

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA													
CASHTIME/TIME	LVL7YP	DBPTH	TEMP	SAL	SIGMA-T	GYMOPHT	SHD VEL	ORVG	PO4	TOT P	NO2	NO3	S103 PH
085	00348	08.35	35.02	35.02	27.23 *		1490.8						
085	00350	08.75	35.18 P	35.18	27.220								
085	00352	09.02	35.12	35.12	27.23 *		1492.7						
085	00361	09.36	35.30	35.30	27.28		1495.1						
STO	00400	09.04	35.20	35.20	27.29	00.443	1493.7						
085	00401	09.01	35.20	35.20	27.29		1493.6						
085	00451	08.04	35.10	35.10	27.37		1490.6						
085	00436	07.72	35.03	35.03	27.36		1489.4						
085	00462	07.24	34.92	34.92	27.34		1487.6						
085	00458	06.46	34.51	34.51	27.44		1485.0						
STO	00500	06.36	34.88	34.88	27.43	00.344	1484.6						
085	00502	06.20	34.82	34.82	27.41		1483.5						
085	00523	06.23	34.89	34.89	27.46		1484.5						
085	00527	05.87	34.82	34.82	27.45		1483.0						
085	00536	05.37	34.80	34.80	27.47		1481.9						
085	00550	04.88	34.73	34.73	27.51		1475.2						
085	00533	03.99	34.38	34.38	27.48 *		1475.4						
085	00553	03.35	34.38	34.38	27.51		1474.0						
085	00361	03.32	34.35	34.35	27.52		1472.6						
085	00563	03.32	34.57	34.57	27.53		1472.7						
085	00369	04.02	34.78	34.78	27.61		1476.0						
085	00373	04.33	34.79	34.79	27.60		1477.5						
085	00590	04.24	34.78	34.78	27.61		1477.3						
085	00567	04.37	34.82	34.82	27.60		1478.8						
STO	00400	04.38	34.82	34.82	27.60	00.605	1478.9						
085	00601	04.59	34.82	34.82	27.60		1479.0						
085	00651	04.73	34.50	34.50	27.65		1480.3						
085	00694	04.31	34.88	34.88	27.68		1479.5						
STO	00700	04.43	34.89	34.89	27.68	00.662	1480.1						
085	00702	04.48	34.90	34.90	27.68		1480.3						
085	00730	04.38	34.91	34.91	27.71		1480.3						
STO	00800	04.37	34.95	34.95	27.73	00.710	1481.3						
085	00601	04.37	34.95	34.95	27.73		1481.6						
085	00850	04.42	34.96	34.96	27.73		1482.6						
STO	00900	04.37	34.96	34.96	27.74	00.756	1483.2						
085	00500	04.37	34.96	34.96	27.74		1483.2						
085	00951	04.51	35.00	35.00	27.75		1484.7						
STO	01000	04.25	34.97	34.97	27.76	00.802	1484.4						
085	01001	04.24	34.97	34.97	27.76		1484.4						
085	01020	04.17	34.96	34.96	27.76		1484.4						

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

M D O C S T A T I O N O A T A

REFID 31 8454	YEAR 1975	BOTOP 04385	AIR TEMP 11.0	OIR MGT PER	WIND-DIR 16	INST STC RECORDER	TEM SD 1306
CONSEC 0057	MONTH 04	SHIP EV	WET BULB 10.8	22 2 4	WIND-SPO 20	TRACE DIR 0	5 SQUARE 2
LA- 43 57 N	DAY 21	DATA USE 1	BAROMETR 1013.5	SEA	WIND-FOR	DURATION 00.5	2 SQUARE 24
LCNG 045 37 W	MOUR 21.7	AREA 05	CLCUD 7/4	CL/TR	WEATHER 24	ORIG 011 746	1 SQUARE 35

CASSTUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	SYNDEPTH	SNO VEL	OXYG	PO4	TOT P	MO2	NO3	SIO3	PH
21.7	STO	00300	04.23	33.72	26.77	00.000	1466.1							
	085	00001	04.23	33.72	26.77		1466.1							
	STO	00010	04.23	33.72	26.77	00.013	1466.3							
	085	00011	04.22	33.72	26.77		1466.2							
	085	00015	04.18	33.72	26.77		1466.1							
	STO	00020	04.35	33.78	26.80	00.026	1467.0							
	085	00022	04.43	33.82	26.83		1467.5							
	085	00026	04.51	33.87	26.86		1467.9							
	STO	00030	04.51	33.95	26.90	00.038	1469.8							
	085	00030	04.57	34.00	26.91		1470.1							
	085	00034	05.44	34.08	26.92		1472.2							
	STO	00050	05.86	34.17	26.94	00.061	1474.3							
	085	00051	05.85	34.18	26.94		1474.4							
	085	00072	06.10	34.24	26.96		1475.7							
	STO	00075	06.39	34.34	27.00	00.088	1477.0							
	085	00076	06.51	34.37	27.01		1477.5							
	085	00079	06.90	34.47	27.04		1479.3							
	STO	00100	07.42	34.61	27.08	00.114	1481.8							
	085	00100	07.44	34.62	27.08		1481.9							
	085	00108	07.07	34.53	27.06		1480.5							
	STO	00125	06.54	34.60	27.13	00.135	1480.3							
	085	00125	06.53	34.60	27.13		1480.3							
	085	00137	06.74	34.59	27.15		1479.7							
	STO	00150	06.12	34.60	27.24	00.162	1477.5							
	085	00150	06.11	34.60	27.24		1477.5							
	085	00175	06.36	34.71	27.30		1479.0							
	085	00177	06.32	34.70	27.30		1478.9							
	085	00182	05.84	34.62	27.29		1476.5							
	STO	00200	05.75	34.64	27.32	00.203	1476.9							
	085	00201	05.73	34.64	27.32		1476.8							
	085	00226	05.28	34.63	27.37		1475.4							
	STO	00250	04.86	34.61	27.41	00.241	1474.0							
	085	00253	04.80	34.61	27.41		1473.8							
	085	00260	05.03	34.67	27.43		1475.0							
	085	00276	04.57	34.65	27.45		1475.0							
	085	00277	04.93	34.68	27.45		1474.9							
	085	00283	05.13	34.72	27.46		1475.8							
	STO	00300	05.01	34.71	27.47	00.275	1475.6							
	085	00300	05.01	34.74	27.490									
	085	00312	05.00	34.69	27.45		1475.7							
	085	00331	04.35	34.62	27.46		1473.4							
	085	00335	03.99	34.58	27.48		1471.8							
	085	00340	04.10	34.64	27.51		1472.4							
	085	00350	03.65	34.62	27.52		1471.6							
	STO	00400	04.63	34.76	27.56	00.337	1475.8							
	085	00401	04.63	34.78	27.56		1475.8							
	085	00413	04.59	34.78	27.57		1475.9							
	085	00430	04.86	34.88	27.62		1477.4							
	085	00439	04.17	34.78	27.61		1474.5							
	085	00451	04.61	34.88	27.65		1476.7							
	085	00472	05.03	34.92	27.63		1478.7							
	085	00485	05.18	34.98	27.66		1479.7							
	085	00487	05.17	34.98	27.66		1479.7							
	STO	00500	04.58	34.88	27.65	00.391	1477.4							
	085	00500	04.56	34.88	27.65		1477.3							
	085	00550	04.41	34.94	27.72		1477.6							
	STO	00600	04.50	34.94	27.71	00.439	1478.8							
	085	00601	04.50	34.94	27.71		1478.8							
	085	00652	04.60	34.98	27.73		1480.1							
	STO	00700	04.57	34.99	27.74	00.484	1480.8							
	085	00702	04.57	34.95	27.74		1480.8							
	085	00750	04.62	35.00	27.74		1481.8							
	STO	00800	04.08	34.93	27.74	00.525	1480.3							
	085	00801	04.07	34.93	27.74		1480.3							
	085	00850	04.12	34.94	27.75		1481.3							
	STO	00900	04.12	34.95	27.76	00.573	1482.2							
	085	00900	04.12	34.95	27.76		1482.2							
	085	00953	04.03	34.94	27.76		1482.7							
	STO	01000	03.59	34.95	27.77	00.617	1483.3							
	085	01001	03.59	34.95	27.77		1483.3							
	085	01020	03.56	34.94	27.76		1483.5							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

NOOC STATION DATA

REFID 31 8454 YEAR 1975 BOTOP 04239 ATR TEMP 08.0 OIA HGT PER WIND-DIA 00 INST STO RECDADER TEN SG 1306
 CONSEC 0058 MONTH 04 SHIP EV WET BULB 07.1 20 2 1 WIND-SPD 00 TRACE DIA 0 5 SQUARE 2
 LAT 44 03.5N DAY 22 DATA USE 1 BARDMETER 1014.0 SEA WIND-FOR DURATION 00.3 2 SQUARE 44
 LONG 045 38.8W HDLR 00.4 AREA 05 CLOUD T/A CL/7R WEATHER X5 ORIG 011 747 1 SQUARE 45

CASHTNUN/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	DAYG	PO4	TOT P	NQ2	NQ3	SID3	PH
00.4	STO	00000	04.87	33.89	26.83	00.000	1469.0							
00.4	085	00000	04.87	33.89	26.83		1469.0							
	STO	00010	04.86	33.88	26.83	00.012	1469.1							
	085	00011	04.85	33.88	26.83		1469.1							
	085	00017	04.80	33.88	26.83		1469.0							
	085	00019	04.53	33.84	26.83		1467.8							
	STO	00020	04.50	33.85	26.84	00.025	1467.7							
	085	00020	04.48	33.85	26.84		1467.7							
	085	00026	04.44	33.89	26.88		1467.6							
	085	00028	04.63	33.94	26.90		1468.5							
	STO	00030	04.83	34.00	26.92	00.036	1469.5							
	085	00032	05.30	34.13	26.97		1471.6							
	085	00034	05.79	34.26	27.02		1473.8							
	085	00038	05.90	34.23	26.98 *		1474.3							
	085	00041	05.81	34.32	27.06		1474.1							
	085	00045	06.27	34.34	27.02 *		1476.0							
	085	00047	06.25	34.32	27.00		1476.1							
	STO	00050	06.53	34.47	27.09	00.058	1477.3							
	085	00051	06.70	34.51	27.09		1478.1							
	085	00053	06.57	34.50	27.05 *		1479.2							
	085	00057	07.13	34.50	27.03		1479.8							
	085	00062	07.72	34.67	27.08		1482.5							
	085	00070	07.91	34.66	27.04 *		1483.3							
	STO	00075	06.85	34.53	27.05	00.083	1479.1							
	085	00081	06.08	34.34	27.04 *		1475.5							
	085	00083	06.04	34.29	27.01 *		1475.7							
	085	00089	04.85	34.18	27.06		1470.8							
	085	00091	04.86	34.28	27.14		1471.0							
	085	00095	04.73	34.20	27.09 *		1470.4							
	STO	00100	04.14	34.17	27.13	00.107	1468.0							
	085	00100	04.12	34.16	27.13		1467.9							
	085	00102	04.17	34.20	27.15		1468.2							
	085	00106	04.46	34.22	27.14--		1469.5							
	085	00112	05.28	34.39	27.18		1473.2							
	085	00118	04.84	34.36	27.21		1471.4							
	085	00123	05.05	34.37	27.19		1472.4							
	STO	00125	05.19	34.42	27.21	00.130	1473.1							
	085	00125	05.30	34.50	27.24		1474.5							
	085	00133	05.57	34.68	27.22		1474.8							
	085	00140	04.50	34.33	27.22		1470.4							
	085	00142	04.49	34.35	27.27		1470.4							
	STO	00150	05.64	34.56	27.27	00.151	1475.5							
	085	00150	05.68	34.57	27.27		1475.7							
	085	00167	05.73	34.60	27.29		1476.2							
	085	00171	05.43	34.52	27.27		1475.0							
	085	00175	05.30	34.54	27.30		1474.5							
	085	00198	05.36	34.60	27.34		1475.2							
	STO	00200	05.11	34.57	27.34	00.191	1474.2							
	085	00205	04.68	34.52	27.35		1472.4							
	085	00211	04.66	34.54	27.37		1472.5							
	085	00220	05.30	34.47	27.40		1475.4							
	085	00226	05.19	34.64	27.39		1475.0							
	STO	00250	05.13	34.69	27.43	00.227	1475.2							
	085	00251	05.12	34.69	27.44		1475.2							
	085	00258	05.07	34.88	27.43		1475.1							
	085	00266	04.77	34.67	27.46		1474.0							
	085	00277	04.90	34.69	27.46		1474.8							
	STO	00300	04.54	34.67	27.49	00.260	1473.6							
	085	00302	04.48	34.67	27.49		1473.4							
	085	00325	03.83	34.63	27.53		1471.0							
	085	00335	04.39	34.76	27.58		1473.7							
	085	00336	04.39	34.74	27.56		1473.7							
	085	00350	04.51	34.85	27.59		1476.2							
	085	00367	04.45	34.81	27.61		1475.0							
	STO	00400	04.49	34.82	27.61	00.315	1475.3							
	085	00409	04.85	34.85	27.62		1476.1							
	085	00451	04.92	34.94	27.66		1478.0							
	085	00469	04.66	34.85	27.65		1477.5							
	STO	00500	04.75	34.94	27.68	00.369	1478.2							
	085	00502	04.77	34.95	27.68		1478.3							
	085	00550	04.76	34.96	27.69		1479.0							
	STO	00600	04.64	34.97	27.71	00.416	1479.4							
	085	00601	04.84	34.97	27.71		1479.4							
	085	00651	04.84	34.99	27.73		1480.3							
	STO	00700	04.43	34.97	27.74	00.461	1480.2							
	085	00702	04.42	34.97	27.74		1480.2							
	085	00750	04.32	34.97	27.75		1480.5							
	STO	00800	04.28	34.97	27.75	00.505	1481.2							
	085	00801	04.28	34.97	27.75		1481.2							
	085	00852	04.10	34.96	27.77		1481.3							
	STO	00900	04.10	34.96	27.77	00.545	1482.1							
	085	00900	04.10	34.96	27.77		1482.1							
	085	00951	04.08	34.98	27.77		1482.9							
	STO	01000	03.94	34.96	27.78	00.591	1483.1							
	085	01001	03.94	34.98	27.78		1483.1							
	085	01022	03.94	34.94	27.77		1483.4							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFID 31	8454	YEAR 1975	BOATP 03344	AIR TEMP	OIR MGT PER	WIND-OIR 10	INST STO RECORDER	TEM SO 1306
COR SEC	0055	MONTH 04	SHIP EV	WET BULB	05 1 2	WIND-SPO 07	TRACE OIR	5 SQUARE 2
LAT 44 05.2N		DAY 22	DATA USE 1	BAROMETER 1012.2	SEA	WIND-FOR	DURATION	00.3
LONG 046 10 W		MOU 03.6	AREA 05	CLOUD T/A	CL/TB	WEATHER R2	ORIG 011 748	2 SQUARE 46
								1 SQUARE 46

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNP7M	SHO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
	ST0	00000	05.62	34.04	26.86	00.000	1472.3							
03.6	085	00001	05.62	34.04	26.86		1472.3							
	ST0	00010	05.73	34.07	26.88	00.012	1472.5							
	085	00011	05.79	34.09	26.88		1473.2							
	ST0	00020	06.46	34.29	26.95	00.023	1476.3							
	085	00020	06.50	34.30	26.96		1476.5							
	ST0	00030	06.55	34.30	26.95	00.035	1476.8							
	085	00030	06.55	34.30	26.95		1476.9							
	ST0	00050	06.25	34.35	27.03	00.056	1476.0							
	085	00051	06.23	34.35	27.03		1476.0							
	ST0	00075	06.01	34.43	27.12	00.081	1475.6							
	085	00076	06.00	34.43	27.12		1475.6							
	ST0	00100	05.98	34.43	27.13	00.105	1475.9							
	085	00100	05.53	34.43	27.13		1475.7							
	085	00102	05.82	34.45	27.16		1475.3							
	085	00108	06.16	34.55	27.20		1476.9							
	ST0	00125	06.44	34.60	27.20	00.125	1478.4							
	085	00127	06.47	34.61	27.20		1478.5							
	ST0	00150	06.57	34.64	27.21	00.151	1479.3							
	085	00150	06.57	34.64	27.21		1479.3							
	085	00175	06.73	34.79	27.310									
	085	00178	06.86	34.76	27.270*									
	085	00182	06.68	34.68	27.23 *		1480.4							
	085	00188	06.21	34.65	27.27		1478.6							
	085	00194	05.82	34.61	27.29		1477.0							
	ST0	00200	05.75	34.61	27.30	00.193	1476.8							
	085	00203	05.70	34.61	27.30		1476.7							
	085	00226	05.24	34.64	27.38		1475.2							
	ST0	00250	05.19	34.69	27.43	00.231	1475.5							
	085	00251	05.19	34.69	27.43		1475.5							
	085	00268	05.21	34.77	27.49		1476.0							
	085	00272	05.68	34.82	27.47		1478.0							
	085	00276	05.71	34.82	27.47		1478.2							
	085	00258	05.71	34.84	27.48		1478.8							
	ST0	00300	05.65	34.83	27.48	00.265	1478.4							
	085	00304	05.43	34.79	27.48		1477.5							
	085	00352	05.18	34.87	27.57		1477.4							
	085	00356	05.10	34.82	27.54 *		1477.1							
	085	00371	04.24	34.74	27.58		1473.6							
	085	00364	04.67	34.83	27.60		1475.9							
	085	00355	04.28	34.76	27.59		1474.3							
	ST0	00400	04.27	34.76	27.55	00.325	1474.3							
	085	00403	04.17	34.79	27.62		1473.9							
	085	00426	04.32	34.81	27.62		1475.0							
	085	00432	03.85	34.74	27.62		1473.0							
	085	00434	03.83	34.75	27.63		1473.0							
	085	00454	04.00	34.80	27.65		1474.1							
	085	00481	04.26	34.87	27.68		1475.7							
	085	00489	04.60	34.93	27.65		1477.3							
	ST0	00500	04.75	34.96	27.65	00.375	1478.2							
	085	00500	04.76	34.96	27.69		1478.2							
	085	00553	04.67	34.96	27.70		1478.7							
	ST0	00600	04.50	34.96	27.72	00.421	1478.8							
	085	00601	04.50	34.96	27.72		1478.8							
	085	00651	04.48	34.98	27.74		1479.6							
	ST0	00700	04.35	34.97	27.74	00.466	1480.0							
	085	00702	04.39	34.57	27.74		1480.0							
	085	00751	04.33	34.97	27.75		1480.6							
	ST0	00800	04.28	34.98	27.76	00.505	1481.2							
	085	00801	04.28	34.98	27.76		1481.2							
	085	00850	04.23	34.97	27.76		1481.8							
	ST0	00900	04.17	34.97	27.77	00.552	1482.4							
	085	00902	04.17	34.97	27.77		1482.5							
	085	00951	04.10	34.96	27.77		1483.0							
	ST0	01000	04.05	34.96	27.77	00.595	1483.6							
	085	01001	04.05	34.96	27.77		1483.6							
	085	01022	04.01	34.55	27.77		1483.8							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

NOOC STATION DATA

REFID 31 8454	YEAR 1975	BOTOP 03928	AIR TEMP 04.5	DIR HGT PER	WIND-DIR 21	INST STD RECORDER	TEN SQ 1306
CONSEC 0000	MONTH 04	SHIP EV	WET BULB 04.3	21 3 1	WIND-SPO D6	TRACE DIR 0	5 SQUARE 2
LAT 44 14 N	DAY 22	DATA USE 1	BAROMETR 1013.5	SEA	WIND-FOR	DURATION 00.2	2 SQUARE 46
LONG 046 44.2W	HOOR 06.8	AREA 05	CLCUD 7/A	CL/TR	WEATHER X4	ORIG 011 749	1 SQUARE 46

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYMPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
06.8	STD	00000	01.45	33.42	26.77	00.000	1453.7							
	OBS	00000	01.45	33.42	26.77		1453.7							
	OBS	00003	01.36	33.34	26.71 *		1453.2							
	OBS	00007	01.72	33.49	26.81		1455.1							
	OBS	00009	02.45	33.72	26.93		1458.6							
	STD	00010	02.60	33.74	26.94	00.012	1459.3							
	OBS	00011	02.98	33.79	26.94		1461.1							
	STD	00020	03.68	33.80	26.88 *	00.024	1464.2							
	OBS	00020	03.73	33.80	26.88		1464.4							
	STD	00030	04.07	33.85	26.89	00.035	1466.1							
	OBS	00032	04.08	33.92	26.94		1466.3							
	OBS	00034	04.07	33.99	27.00		1466.4							
	OBS	00041	04.53	34.20	27.12		1468.7							
	OBS	00043	04.77	34.16	27.06 *		1469.7							
	OBS	00049	04.91	34.20	27.07		1470.4							
	STD	00050	04.98	34.20	27.07	00.057	1470.7							
	OBS	00051	05.10	34.22	27.07		1471.2							
	OBS	00053	05.12	34.26	27.10		1471.4							
	STD	00075	04.68	34.19	27.09	00.082	1469.9							
	OBS	00076	04.62	34.18	27.09		1469.6							
	OBS	00079	04.37	34.16	27.10		1468.6							
	OBS	00097	04.30	34.14	27.09		1468.6							
	STD	00100	04.17	34.13	27.10	00.107	1468.0							
	OBS	00102	03.98	34.11	27.10		1467.3							
	OBS	00106	03.62	34.08	27.12		1465.8							
	OBS	00110	03.62	34.12	27.15		1465.9							
	OBS	00119	04.62	34.25	27.15		1470.4							
	OBS	00123	04.59	34.23	27.13		1470.3							
	STD	00125	05.11	34.33	27.15	00.131	1472.6							
	OBS	00131	06.88	34.67	27.20		1480.3							
	OBS	00142	06.85	34.66	27.19		1480.4							
	OBS	00148	07.16	34.72	27.20		1481.7							
	STD	00150	07.16	34.73	27.20	00.154	1481.8							
	OBS	00150	07.16	34.73	27.20		1481.8							
	OBS	00154	07.28	34.74	27.20		1482.3							
	OBS	00158	07.02	34.68	27.18		1481.3							
	OBS	00171	06.67	34.61	27.18		1480.0							
	OBS	00175	06.09	34.54	27.20		1477.7							
	OBS	00178	06.51	34.67	27.25		1479.6							
	OBS	00184	06.50	34.66	27.24		1479.7							
	OBS	00192	04.16	34.31	27.24		1469.8							
	OBS	00196	03.56	34.36	27.34		1467.4							
	OBS	00199	03.83	34.36	27.32		1468.6							
	STD	00200	03.83	34.36	27.32	00.196	1468.6							
	OBS	00203	03.83	34.33	27.29 *		1468.6							
	OBS	00211	05.14	34.57	27.34		1474.5							
	OBS	00213	05.16	34.58	27.33		1474.6							
	OBS	00218	05.58	34.64	27.34		1476.5							
	OBS	00226	05.28	34.59	27.34		1475.3							
	OBS	00230	05.24	34.64	27.38		1475.3							
	OBS	00236	05.85	34.72	27.37		1478.0							
	STD	00250	05.49	34.65	27.36	00.234	1476.6							
	OBS	00251	05.46	34.65	27.36		1476.6							
	OBS	00276	05.27	34.67	27.40		1476.2							
	OBS	00283	03.74	34.45	27.40		1469.7							
	OBS	00293	03.62	34.56	27.50		1469.5							
	STD	00300	04.14	34.63	27.50	00.269	1471.9							
	OBS	00300	04.19	34.64	27.50		1472.1							
	OBS	00317	04.44	34.68	27.51		1473.5							
	OBS	00323	05.00	34.80	27.54		1476.1							
	OBS	00350	04.71	34.75	27.53		1475.2							
	OBS	00356	05.19	34.87	27.57		1477.5							
	OBS	00361	05.00	34.84	27.57		1476.8							
	OBS	00375	05.05	34.87	27.59		1477.2							
	OBS	00380	04.42	34.76	27.57		1474.6							
	STD	00400	04.33	34.78	27.60	00.327	1474.5							
	OBS	00403	04.32	34.78	27.60		1474.5							
	OBS	00456	04.48	34.85	27.64		1476.2							
	STD	00500	04.61	34.93	27.68	00.378	1477.5							
	OBS	00502	04.61	34.93	27.69		1477.6							
	OBS	00552	04.55	34.96	27.72		1478.2							
	STD	00600	04.32	34.94	27.73	00.424	1478.0							
	OBS	00601	04.32	34.94	27.73		1478.0							
	OBS	00652	04.55	34.99	27.74		1479.9							
	STD	00700	04.60	35.01	27.75	00.468	1480.9							
	OBS	00700	04.60	35.01	27.75		1480.9							
	OBS	00751	04.36	34.99	27.76		1480.8							
	STD	00800	04.42	35.00	27.76	00.511	1481.8							
	OBS	00801	04.42	35.00	27.76		1481.9							
	OBS	00850	04.28	34.99	27.77		1482.1							
	STD	00900	04.17	34.97	27.77	00.554	1482.4							
	OBS	00900	04.17	34.97	27.77		1482.4							
	OBS	00953	04.16	34.97	27.77		1483.3							
	STD	01000	04.12	34.98	27.78	00.597	1483.9							
	OBS	01001	04.12	34.98	27.78		1483.9							
	OBS	01020	04.11	34.98	27.78		1484.2							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOD STATION DATA

REFID 31 8454	YEAR 1975	BOTOP 03860	AIR TEMP 03.8	DIR MGT PER	WIND-DIR 00	INST STO RECORDER	TEN SQ 1306
COMSEC 0061	MONTH 04	SHIP EV	WET BULB 03.8	99 X X	WIND-SPD 00	TRACE DIR 0	5 SQUARE 2
L67 44 20 N	DAY 22	DATA USE 1	BARCHETR 1016.1	SEA	WIND-FOR	DURATION 00.3	2 SQUARE 46
LONG 347 15.40	MOUR 05.7	AREA 05	CLCUD T/A	CL/TR	WEATHER X2	ORIG 011 750 08	1 SQUARE 47

CASSTNUM/TIME	LVLTY	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	PO4	TOT P	M02	M03	S103	PH
09.7	STD	00000	03.74	33.71	26.81	00.000	1464.0							
	OBS	00000	03.74	33.71	26.81		1464.0							
	OBS	00003	03.58	33.74	26.81		1465.1							
	OBS	00005	03.73	33.79	26.87		1464.2							
	STD	00010	04.38	33.88	26.88	00.012	1467.1							
	OBS	00013	04.69	33.52	26.88		1468.5							
	STD	00020	04.78	33.91	26.86	00.024	1469.0							
	OBS	00020	04.78	33.91	26.86		1469.0							
	STD	00030	04.71	33.90	26.86	00.036	1468.9							
	OBS	00030	04.71	33.90	26.86		1468.8							
	OBS	00047	05.29	34.12	26.57		1471.8							
	OBS	00049	05.02	34.03	26.93		1470.6							
	STD	00050	04.97	34.07	26.86	00.059	1470.5							
	OBS	00051	04.85	34.15	27.04		1470.3							
	OBS	00055	05.10	34.14	27.00		1471.2							
	OBS	00057	05.52	34.30	27.08		1473.1							
	OBS	00062	05.61	34.26	27.04		1473.6							
	OBS	00066	04.77	34.26	27.14		1470.2							
	OBS	00068	05.00	34.27	27.12		1471.2							
	STD	00075	05.14	34.31	27.14	00.085	1471.9							
	OBS	00076	05.16	34.33	27.15		1472.0							
	OBS	00079	05.20	34.40	27.20		1472.4							
	OBS	00081	05.61	34.46	27.20		1474.1							
	STD	00100	06.43	34.62	27.21	00.108	1477.5							
	OBS	00100	06.45	34.62	27.22		1476.0							
	STD	00125	06.38	34.62	27.22	00.130	1478.2							
	OBS	00127	06.30	34.62	27.23		1477.5							
	OBS	00137	05.84	34.59	27.27		1476.1							
	OBS	00148	06.02	34.65	27.29		1477.1							
	STD	00150	05.93	34.64	27.30	00.151	1476.8							
	OBS	00154	05.60	34.63	27.31		1476.3							
	OBS	00156	05.79	34.64	27.32		1476.3							
	OBS	00163	05.26	34.59	27.34		1474.2							
	OBS	00171	05.86	34.70	27.35		1476.9							
	OBS	00173	05.91	34.70	27.35		1477.2							
	OBS	00178	05.32	34.60	27.34		1474.7							
	STD	00200	04.61	34.57	27.40	00.188	1472.1							
	OBS	00201	04.55	34.57	27.41		1471.9							
	OBS	00209	04.93	34.62	27.40		1473.7							
	OBS	00213	05.16	34.66	27.42		1474.6							
	OBS	00226	05.14	34.68	27.43		1474.5							
	OBS	00232	05.09	34.69	27.44		1474.8							
	OBS	00237	04.73	34.65	27.45		1473.3							
	STD	00250	04.58	34.65	27.47	00.222	1472.5							
	OBS	00253	04.52	34.65	27.47		1472.7							
	OBS	00274	03.55	34.66	27.54		1470.9							
	OBS	00279	04.73	34.81	27.58		1474.3							
	STD	00300	05.32	34.92	27.59	00.252	1477.1							
	OBS	00300	05.33	34.92	27.59		1477.2							
	OBS	00302	05.36	34.91	27.58		1477.3							
	OBS	00306	05.62	34.97	27.60		1478.6							
	OBS	00352	05.52	34.95	27.63		1478.9							
	OBS	00388	05.14	34.97	27.66		1477.9							
	STD	00400	05.21	34.99	27.66	00.304	1476.4							
	OBS	00403	05.23	34.99	27.66		1478.6							
	OBS	00407	05.19	34.96	27.64		1476.4							
	OBS	00409	04.87	34.91	27.64		1477.1							
	OBS	00430	05.18	35.01	27.68		1478.9							
	OBS	00441	04.82	34.98	27.70		1477.5							
	OBS	00451	04.94	35.00	27.70		1478.2							
	STD	00500	04.76	34.98	27.71	00.351	1478.2							
	OBS	00502	04.75	34.98	27.71		1478.2							
	OBS	00550	04.53	34.98	27.73		1478.1							
	OBS	00564	04.46	35.01	27.77		1478.4							
	OBS	00552	04.67	35.02	27.75		1479.4							
	STD	00600	04.66	35.01	27.74	00.396	1479.5							
	OBS	00601	04.66	35.01	27.74		1479.5							
	OBS	00651	04.50	34.99	27.75		1479.7							
	STD	00700	04.32	34.98	27.76	00.438	1479.7							
	OBS	00702	04.32	34.98	27.76		1479.6							
	OBS	00751	04.30	34.99	27.77		1480.5							
	STD	00800	04.19	34.98	27.77	00.480	1480.9							
	OBS	00801	04.19	34.98	27.77		1480.9							
	OBS	00850	04.08	34.98	27.77		1481.2							
	STD	00900	04.01	34.96	27.77	00.522	1481.7							
	OBS	00902	04.01	34.96	27.77		1481.8							
	OBS	00953	03.98	34.96	27.78		1482.5							
	STD	01000	03.87	34.94	27.77	00.564	1482.8							
	OBS	01001	03.87	34.94	27.77		1482.8							
	OBS	01018	03.83	34.94	27.78		1482.5							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA														
REFID 31 8454	YEAR 1975	BOATOP 03584	AIR TEMP 02.9	OIR HGT PER	WIND-OIR 29	INST STO RECORDER	TEM SO 1306							
CONSEC 0082	MONTH 04	SHIP EV	MET BULB 02.1	27 4 5	WIND-SPO 06	TRACE OIR 0	9 SQUARE 2							
LA* 44 27.24	DAY 22	DATA USE 1	BAROMETR 1007.1	SEA	WIND-FOR	DURATION 00.5	2 SQUARE 46							
LONG 047 46.34	HOUR 13.0	AREA 05	CLOUD T/A	CL/TR	WEATHER X1	ORIG 011 751 11	1 SQUARE 47							
CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	GYMOPHY	SNC VEL	OXYG	PO4	TOT P	NO2	NO3	S103	PH
13.0	STO	00000	00.76	33.08	26.54	00.000	1450.1							
	085	00001	00.76	33.08	26.54		1450.1							
	085	00003	00.68	33.05	26.52		1445.8							
	085	00005	00.54	33.10	26.57		1449.2							
	STO	00010	00.69	33.12	26.58	00.015	1450.0							
	085	00011	00.70	33.13	26.58		1450.1							
	085	00015	00.62	33.10	26.56		1449.7							
	085	00019	- 0.07	33.19	26.67		1446.8							
	STO	00020	- 0.05	33.20	26.68	00.025	1446.5							
	085	00020	- 0.04	33.22	26.69		1447.0							
085	00026	- 1.09	33.37	26.86		1442.4								
STO	00030	- 1.13	33.38	26.87	00.042	1442.3								
085	00030	- 1.13	33.38	26.87		1442.3								
085	00032	- 1.14	33.38	26.87		1442.3								
085	00034	- 1.13	33.50	26.96		1442.5								
085	00041	02.01	33.74	26.58		1457.3								
085	00043	02.19	33.79	27.01		1458.2								
085	00045	02.75	33.88	27.03		1460.9								
085	00047	03.66	33.95	27.04		1464.8								
STO	00050	03.82	34.02	27.04	00.064	1465.6								
085	00051	03.63	34.03	27.05		1466.0								
085	00072	04.07	34.09	27.08		1467.1								
STO	00075	03.79	34.07	27.09	00.085	1465.5								
085	00076	03.69	34.06	27.09		1465.5								
085	00078	03.54	34.04	27.09		1464.9								
085	00075	03.16	33.96	27.06 *		1463.2								
085	00081	03.32	34.16	27.21		1464.2								
085	00085	03.48	34.15	27.18 *		1464.9								
085	00089	01.45	34.02	27.25		1456.0								
085	00095	00.82	34.00	27.27		1453.2								
STO	00100	00.80	34.09	27.35	00.111	1453.3								
085	00100	00.80	34.10	27.36		1453.3								
085	00106	01.27	34.16	27.37		1455.6								
085	00119	01.45	34.29	27.47		1456.8								
085	00121	01.97	34.34	27.47		1455.2								
STO	00125	02.08	34.36	27.45	00.128	1459.8								
085	00125	02.11	34.39	27.50		1460.0								
085	00127	02.25	34.45	27.53		1460.7								
085	00133	03.79	34.60	27.51		1467.6								
085	00142	04.58	34.75	27.55		1471.3								
STO	00150	04.69	34.70	27.49	00.143	1471.8								
085	00150	04.70	34.70	27.49		1471.5								
085	00154	04.28	34.65	27.50		1470.1								
085	00173	04.22	34.68	27.53		1470.2								
085	00175	03.98	34.62	27.51		1469.1								
085	00178	03.82	34.68	27.57		1468.6								
085	00182	04.51	34.75	27.59		1471.7								
085	00184	04.42	34.77	27.58		1471.3								
085	00186	04.14	34.72	27.57		1470.1								
085	00155	04.46	34.80	27.60		1471.8								
STO	00200	04.46	34.80	27.60	00.171	1471.8								
085	00203	04.49	34.81	27.60		1472.0								
085	00224	04.66	34.84	27.61		1473.1								
085	00226	04.49	34.82	27.61		1472.4								
STO	00250	04.82	34.92	27.66	00.196	1474.3								
085	00251	04.84	34.93	27.66		1474.4								
085	00276	05.27	35.02	27.68		1476.7								
STO	00300	05.02	34.98	27.68	00.215	1476.0								
085	00300	05.01	34.98	27.68		1476.0								
085	00352	04.59	34.96	27.71		1475.1								
STO	00400	04.64	34.99	27.73	00.264	1476.1								
085	00401	04.64	34.99	27.73		1476.1								
085	00451	04.41	34.57	27.74		1476.0								
STO	00500	04.35	34.98	27.75	00.305	1476.5								
085	00500	04.35	34.98	27.75		1476.5								
085	00552	04.28	34.58	27.76		1477.1								
STO	00600	04.24	34.98	27.77	00.345	1477.7								
085	00603	04.23	34.58	27.77		1477.8								
085	00651	04.10	34.57	27.77		1478.0								
STO	00700	03.93	34.96	27.78	00.385	1478.3								
085	00732	03.98	34.56	27.78		1478.3								
085	00751	03.54	34.55	27.77		1479.0								
STO	00800	03.87	34.95	27.78	00.425	1475.5								
085	00801	03.87	34.95	27.78		1479.5								
085	00852	03.64	34.91	27.77		1479.3								
STO	00900	03.47	34.85	27.77	00.466	1475.4								
085	00900	03.47	34.89	27.77		1479.4								
085	00951	03.44	34.89	27.78		1480.1								
STO	01000	03.41	34.88	27.77	00.507	1480.8								
085	01001	03.41	34.88	27.77		1480.8								
085	01018	03.40	34.88	27.77		1481.0								

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION 0474

REFID 31 8454	YEAR 1975	BOATP 03081	AIR TEMP 03.5	OIR HGT PER	WIND-OIR 30	INST STO RECORER	TEN SQ 1504
CONSEC 0043	MONTH 04	SHIP EY	WET BULB 02.0	29 2 4	WIND-SPO 08	TRACE OIR 0	5 SQUARE 2
LAT 44 35.0N	DAY 22	DATA USE 1	BARCHETA 1010.2	SEA	WIND-FOR	DURATION 00.3	2 SQUARE 48
LONG 046 14.1W	MOOR 15.8	AREA 05	CLCUD T/A	CL/T#	WEATHER 42	DRG 011 752 12	1 SQUARE 48

CASSTN/TH/TIME	LYLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SI03	PH
15.8	\$T0	00000	00.30	33.14	26.61	00.000	1446.1							
	08S	00000	00.30	33.14	26.61		1446.1							
	08S	00007	00.20	33.12	26.60		1447.7							
	\$T0	00010	00.16	33.13	26.61	00.014	1447.6							
	08S	00011	00.14	33.13	26.61		1447.5							
	\$T0	00020	00.12	33.13	26.61	00.029	1447.6							
	08S	00022	00.10	33.13	26.62		1447.5							
	\$T0	00030	00.05	33.16	26.64	00.043	1447.5							
	08S	00030	00.04	33.14	26.64		1447.4							
	08S	00036	- 0.10	33.14	26.63		1446.8							
	08S	00038	- 0.50	33.20	26.70		1445.1							
	08S	00045	- 0.63	33.30	26.76		1444.6							
	08S	00049	- 0.87	33.35	26.83		1443.6							
	\$T0	00050	- 0.86	33.38	26.86	00.069	1443.6							
	08S	00051	- 0.91	33.46	26.92		1443.6							
	08S	00055	00.11	33.64	27.03		1448.0							
	08S	00060	00.13	33.50	26.91		1446.8							
	08S	00062	- 0.04	33.64	27.03		1448.3							
	08S	00066	00.21	33.64	27.02		1449.5							
	\$T0	00075	- 0.36	33.74	27.13	00.056	1447.1							
	08S	00076	- 0.39	33.75	27.14		1447.0							
	08S	00093	00.34	33.93	27.25		1450.9							
	08S	00095	00.66	33.99	27.28		1452.5							
	\$T0	00100	00.70	34.03	27.31	00.117	1452.6							
	08S	00100	00.71	34.04	27.31		1452.9							
	08S	00112	01.04	34.22	27.44		1454.6							
	08S	00114	01.42	34.24	27.43		1456.5							
	\$T0	00125	01.67	34.26	27.42	00.135	1457.6							
	08S	00125	01.69	34.26	27.42		1457.9							
	08S	00131	01.90	34.30	27.44		1459.0							
	08S	00142	02.75	34.50	27.53		1463.2							
	08S	00146	03.06	34.63	27.53		1468.2							
	\$T0	00150	03.93	34.61	27.51	00.151	1468.5							
	08S	00150	03.94	34.61	27.50		1468.6							
	08S	00156	04.04	34.62	27.50		1466.1							
	08S	00161	04.38	34.69	27.52		1470.7							
	08S	00175	04.93	34.78	27.53		1473.3							
	\$T0	00200	04.76	34.77	27.54	00.181	1473.0							
	08S	00203	04.75	34.76	27.54		1473.0							
	08S	00226	04.61	34.76	27.53		1473.6							
	\$T0	00250	04.51	34.80	27.59	00.208	1472.6							
	08S	00251	04.51	34.80	27.59		1472.9							
	08S	00276	04.73	34.65	27.61		1474.2							
	08S	00276	04.53	34.62	27.61		1473.4							
	\$T0	00300	04.43	34.63	27.63	00.234	1473.4							
	08S	00302	04.41	34.63	27.63		1473.3							
	08S	00327	04.16	34.64	27.66		1472.6							
	08S	00331	04.50	34.90	27.67		1474.3							
	08S	00350	04.60	34.93	27.66		1475.9							
	\$T0	00400	04.60	34.82	27.68	00.263	1475.8							
	08S	00401	04.59	34.92	27.66		1475.6							
	08S	00451	04.21	34.90	27.71		1475.0							
	\$T0	00500	04.41	34.95	27.72	00.326	1476.7							
	08S	00500	04.41	34.95	27.72		1476.8							
	08S	00550	04.44	34.97	27.74		1477.7							
	\$T0	00600	04.30	34.96	27.74	00.371	1478.0							
	08S	00601	04.30	34.96	27.74		1478.0							
	08S	00651	04.26	34.97	27.76		1478.7							
	\$T0	00700	04.21	34.97	27.76	00.413	1478.3							
	08S	00700	04.21	34.97	27.76		1478.3							
	08S	00750	04.17	34.97	27.77		1479.9							
	\$T0	00800	04.05	34.96	27.77	00.455	1480.2							
	08S	00801	04.05	34.96	27.77		1480.3							
	08S	00850	04.01	34.96	27.77		1480.9							
	\$T0	00900	03.98	34.96	27.78	00.497	1481.6							
	08S	00900	03.98	34.96	27.78		1481.6							
	08S	00953	03.62	34.95	27.76		1482.2							
	\$T0	01000	03.90	34.95	27.78	00.539	1482.9							
	08S	01003	03.69	34.95	27.78		1482.9							
	08S	01016	03.66	34.95	27.78		1483.1							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOD STATION DATA

REFID 31 8454	YEAR 1975	BOTOP 02043	AIR TEMP 02.6	DJR PGT PER	WIND-DIR 03	INST STO RECORDER	TEM 30 1306
CCNSC 0024	MONTH 04	SHIP EV	WET BULB 02.0	30 1 3	WIND-SPD 05	TRACE DIR 0	5 SQUARE 2
LA* 44 42.5N	DAY 22	DATA USE 1	BAROMETER 1017.9	SEA	WIND-FOR	DURATION 00.3	2 SQUARE 48
LONG 048 44 W	HOUR 18.6	AREA 05	CLOUD T/A	CL/TR	WEATHER X7	DRIG 011 753 12	1 SQUARE 48

CAS/NUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTM	SND VEL	DAYG	PD4	TOT P	NO2	NO3	SI03	PH
18.2	STO	00000	01.13	33.17	26.59	00.000	1451.9							
	085	00003	01.13	33.17	26.59		1451.9							
	085	00005	01.26	33.20	26.61		1452.6							
	STO	00010	00.59	33.22	26.63	00.014	1451.5							
	085	00011	00.53	33.22	26.64		1451.2							
	STO	00020	00.90	33.25	26.66	00.028	1451.3							
	085	00020	00.90	33.25	26.67		1451.3							
	STO	00030	00.94	33.30	26.70	00.042	1451.7							
	085	00030	00.94	33.30	26.71		1451.7							
	085	00040	00.91	33.29	26.70		1451.7							
	085	00049	00.22	33.54	26.94		1449.1							
	STO	00050	00.22	33.55	26.95	00.067	1449.1							
	085	00051	00.22	33.57	26.96		1449.2							
	085	00060	00.48	33.79	27.13		1450.8							
	085	00064	00.72	33.84	27.15		1452.0							
	STO	00075	00.88	33.89	27.18	00.092	1453.0							
	085	00076	00.90	33.90	27.19		1453.1							
	085	00083	01.07	34.05	27.30		1454.2							
	085	00085	01.33	34.08	27.31		1455.4							
	STO	00100	01.38	34.18	27.38	00.112	1456.1							
	085	00100	01.40	34.19	27.39		1456.2							
	085	00112	01.72	34.32	27.47		1457.9							
	STO	00125	01.81	34.33	27.49	00.128	1457.7							
	085	00125	01.81	34.33	27.49		1457.7							
	085	00131	01.68	34.34	27.49		1458.1							
	085	00133	02.01	34.43	27.54		1459.7							
	085	00144	03.60	34.61	27.34		1467.1							
	STO	00150	03.72	34.64	27.55	00.143	1467.7							
	085	00150	03.73	34.64	27.55		1467.7							
	085	00161	03.40	34.58	27.53		1466.4							
	085	00175	02.80	34.53	27.57		1463.1							
	085	00182	02.77	34.56	27.56		1464.1							
	085	00188	03.63	34.65	27.60		1468.0							
	STO	00200	03.65	34.66	27.59	00.170	1468.2							
	085	00201	03.65	34.68	27.59		1468.3							
	085	00226	03.37	34.63	27.58		1467.4							
	STO	00250	02.57	34.62	27.61	00.196	1466.1							
	085	00251	02.96	34.62	27.61		1466.1							
	085	00276	02.90	34.62	27.61		1466.2							
	085	00298	02.71	34.61	27.62		1465.7							
	STO	00300	02.75	34.62	27.62	00.221	1465.9							
	085	00304	02.86	34.64	27.63		1466.6							
	085	00310	02.96	34.67	27.65		1467.1							
	085	00325	02.87	34.67	27.66		1467.0							
	085	00340	04.41	34.50	27.68		1474.0							
	085	00352	04.42	34.92	27.70		1474.3							
	085	00376	04.62	34.94	27.69		1475.6							
	085	00388	04.16	34.87	27.69		1473.8							
	STO	00400	04.12	34.87	27.69	00.269	1473.8							
	085	00401	04.12	34.87	27.69		1473.8							
	085	00418	04.10	34.86	27.70		1474.0							
	085	00422	04.41	34.96	27.73		1475.5							
	085	00453	04.69	34.99	27.72		1477.2							
	STO	00500	04.62	34.99	27.73	00.313	1477.7							
	085	00502	04.61	34.99	27.73		1477.7							
	085	00550	04.44	34.97	27.74		1477.7							
	STO	00600	04.37	34.96	27.74	00.356	1478.3							
	085	00601	04.37	34.96	27.74		1478.3							
	085	00631	04.24	34.96	27.75		1478.6							
	STO	00700	04.19	34.96	27.76	00.395	1479.2							
	085	00702	04.19	34.96	27.76		1479.2							
	085	00750	04.16	34.96	27.76		1479.9							
	STO	00800	04.20	34.98	27.77	00.441	1480.9							
	085	00803	04.20	34.98	27.77		1480.9							
	085	00850	04.10	34.97	27.77		1481.3							
	STO	00900	03.97	34.95	27.77	00.483	1481.5							
	085	00902	03.56	34.95	27.77		1481.5							
	085	00951	03.87	34.94	27.77		1482.0							
	STO	01000	03.87	34.95	27.78	00.525	1482.6							
	085	01003	03.87	34.95	27.78		1482.9							
	085	01018	03.83	34.94	27.78		1482.9							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFID 31	8424	YEAR 1975	BOTOP 00050	AIR TEMP 00.0	OIR PGT PER	WIND-OIR 03	INST STD RECORDER	TEN SQ 1306
COMSEC	0365	MONTH 04	SHIP EV	WET BULB 00.0	25 2 3	WIND-SPO 06	TRACE OIR 0	5 SQUARE 2
LAT 44 44 N		DAY 22	DATA USE 1	BAROMETR 1015.0	SEA	WIND-FOR	DURATION 00.4	2 SQUARE 40
LONG 048 50 W		MOOR 20.4	AREA 05	CLOUD 7/4	CL/TR	WEATHER X7	DRAG 011 754 05	1 SQUARE 40

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYHPTH	SND VEL	QRYG	PD4	TOT P	MO2	MO3	S103	PH
	STO	00000	00.23	32.87	26.40									
20.4	OBS	00001	00.23	32.87	26.40	00.000								1447.4
	OBS	00005	00.23	32.88	26.41									1447.5
	OBS	00007	- 0.49	32.84	26.41									1444.2
	STO	00010	- 0.56	32.89	26.45	00.016								1443.8
	OBS	00011	- 0.62	32.91	26.47									1443.7
	STO	00020	- 0.64	32.90	26.46	00.032								1443.7
	OBS	00020	- 0.64	32.90	26.46									1443.8
	STO	00030	- 0.63	32.90	26.46	00.048								1444.0
	OBS	00030	- 0.63	32.90	26.46									1444.0
	STO	00050	- 0.63	32.91	26.47	00.079								1444.3
	OBS	00051	- 0.63	32.92	26.46									1444.3
	OBS	00060	- 1.27	33.12	26.66									1441.9
	OBS	00072	- 1.35	33.22	26.74									1441.5
	STO	00075	- 1.37	33.25	26.77	00.115								1441.7
	OBS	00076	- 1.36	33.26	26.78									1441.8
	STO	00100	- 1.39	33.35	26.85	00.140								1442.2
	OBS	00102	- 1.39	33.40	26.89									1442.3
	OBS	00104	- 1.30	33.44	26.92									1442.8
	OBS	00106	- 1.02	33.50	26.96									1444.2
	OBS	00112	- 0.87	33.50	26.95									1445.0
	STO	00125	- 0.24	33.65	27.05	00.174								1448.4
	OBS	00125	- 0.21	33.66	27.06									1448.5
	STO	00150	00.80	33.63	27.22	00.197								1453.9
	OBS	00150	00.81	33.63	27.22									1454.0
	OBS	00175	00.95	34.05	27.31									1455.2
	STO	00200	01.13	34.15	27.38	00.230								1456.6
	OBS	00201	01.15	34.16	27.38									1456.7
	OBS	00226	01.40	34.24	27.43									1458.3
	STO	00250	01.49	34.27	27.45	00.270								1459.1
	OBS	00253	01.50	34.28	27.45									1459.2
	OBS	00276	01.58	34.32	27.48									1460.0
	STO	00300	01.69	34.37	27.51	00.301								1461.0
	OBS	00300	01.69	34.37	27.51									1461.0
	OBS	00350	01.83	34.46	27.57									1462.5
	OBS	00399	02.06	34.56	27.64									1464.5
	STO	00400	02.08	34.56	27.64	00.355								1464.6
	OBS	00403	02.25	34.55	27.64									1465.6
	OBS	00451	02.58	34.63	27.65									1467.7
	OBS	00458	02.83	34.68	27.67									1469.0
	STO	00500	03.20	34.78	27.71	00.401								1471.4
	OBS	00502	03.21	34.78	27.71									1471.5
	OBS	00550	03.31	34.80	27.72									1472.7
	STO	00600	03.37	34.81	27.72	00.444								1473.8
	OBS	00603	03.37	34.81	27.72									1473.9
	OBS	00651	03.39	34.82	27.73									1474.8
	STO	00703	03.39	34.83	27.73	00.487								1475.6
	OBS	00700	03.39	34.83	27.73									1475.6
	OBS	00750	03.44	34.84	27.74									1476.7
	STO	00800	03.46	34.85	27.74	00.530								1477.6
	OBS	00803	03.46	34.85	27.74									1477.7
	OBS	00818	03.46	34.85	27.74									1477.9

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFID 31 8454 YEAR 1975 BOTOP 00305 AIR TEMP 00.8 DIR HGT PER WIND-DIR 07 INST STD RECORDER TEN SG 1306
 CONSEC 0066 MONTH 04 SHIP EV WET BULB 00.5 24 2 3 WIND-SPD 09 TRACE DIR C 5 SQUARE 2
 LAT 44 43.84 DAY 22 DATA USE 1 BAROMETER 1016.5 SEA WIND-FOR DURATION 00.5 2 SQUARE 48
 LONG 049 00.8W HOUR 21.9 AREA 05 CLOUD T/A CL/T/R WEATHER AT ORIG 011 755 1 SQUARE 49

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	P04	TOT P	N02	N03	S103	PH
21.5	STO	00000	- 0.07	32.88	26.42	00.000	1446.0							
	085	00001	- 0.07	32.88	26.42		1446.1							
	085	00005	- 0.21	32.84	26.40		1445.4							
	085	00007	- 0.45	32.89	26.45		1444.4							
	STO	00010	- 0.53	32.85	26.45	00.016	1444.2							
	085	00011	- 0.53	32.89	26.45		1444.1							
	STO	00020	- 0.60	32.90	26.46	00.032	1443.9							
	085	00020	- 0.61	32.90	26.46		1443.9							
	STO	00030	- 0.63	32.90	26.46	00.048	1444.0							
	085	00030	- 0.63	32.90	26.46		1444.0							
	STO	00050	- 0.69	32.91	26.47	00.079	1444.0							
	085	00053	- 0.70	32.91	26.47		1444.0							
	085	00059	- 0.72	32.91	26.47		1444.0							
	085	00066	- 1.31	33.06	26.61		1441.6							
	085	00070	- 1.45	33.25	26.77		1441.3							
	STO	00075	- 1.23	33.30	26.80	00.114	1442.5							
	085	00076	- 1.19	33.31	26.81		1442.7							
	085	00085	- 1.07	33.37	26.86		1443.5							
	085	00089	- 1.25	33.48	26.95		1442.7							
	085	00095	- 0.70	33.58	27.01		1445.7							
	STO	00100	- 0.38	33.63	27.04	00.143	1447.3							
	085	00100	- 0.33	33.64	27.05		1447.5							
	STO	00125	00.31	33.74	27.09	00.168	1451.0							
	085	00125	00.32	33.74	27.09		1451.1							
	STO	00150	00.42	33.76	27.10	00.192	1452.0							
	085	00150	00.42	33.76	27.11		1452.0							
	085	00175	00.58	33.82	27.14		1453.2							
	STO	00200	00.80	33.91	27.21	00.238	1454.7							
	085	00201	00.81	33.92	27.21		1454.8							
	085	00226	00.91	34.01	27.28		1455.8							
	STO	00250	01.04	34.07	27.31	00.279	1456.8							
	085	00251	01.05	34.07	27.32		1456.9							
	085	00276	01.26	34.18	27.39		1458.4							
	085	00257	01.40	34.23	27.42		1459.4							

REFID 31 8454 YEAR 1975 BOTOP 00082 AIR TEMP 00.5 DIR HGT PER WIND-DIR 07 INST STD RECORDER TEN SG 1306
 CONSEC 0067 MONTH 04 SHIP EV WET BULB 00.3 23 2 4 WIND-SPD 09 TRACE DIR C 5 SQUARE 2
 LAT 44 47.7N DAY 22 DATA USE 1 BAROMETER 1016.3 SEA WIND-FOR DURATION 00.0 2 SQUARE 48
 LONG 049 06.3W HOUR 23.1 AREA 05 CLOUD T/A CL/T/R WEATHER X2 ORIG 011 756 1 SQUARE 49

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	P04	TOT P	N02	N03	S103	PH
23.1	STO	00000	- 0.45	32.90	26.45	00.000	1444.3							
	085	00001	- 0.45	32.90	26.45		1444.3							
	085	00003	- 0.48	32.89	26.45		1444.2							
	STO	00010	- 0.49	32.90	26.45	00.016	1444.3							
	085	00011	- 0.49	32.90	26.46		1444.3							
	STO	00020	- 0.52	32.90	26.46	00.032	1444.3							
	085	00020	- 0.52	32.90	26.46		1444.3							
	STO	00030	- 0.55	32.90	26.46	00.047	1444.3							
	085	00030	- 0.55	32.90	26.46		1444.3							
	STO	00050	- 0.63	32.91	26.47	00.075	1444.3							
	085	00051	- 0.66	32.92	26.48		1444.2							
	085	00070	- 1.27	33.14	26.68		1442.0							
	085	00074	- 1.25	33.18	26.71		1442.2							

REFID 31 8454 YEAR 1975 BOTOP 00068 AIR TEMP 01.1 DIR HGT PER WIND-DIR 27 INST STD RECORDER TEN SG 1306
 CONSEC 0068 MONTH 04 SHIP EV WET BULB 00.8 15 2 4 WIND-SPD 03 TRACE DIR C 5 SQUARE 2
 LAT 44 50 N DAY 23 DATA USE 1 BAROMETER 1016.1 SEA WIND-FOR DURATION 00.0 2 SQUARE 48
 LONG 049 20.3W HOUR 00.4 AREA 05 CLOUD T/A CL/T/R WEATHER X2 ORIG 011 757 1 SQUARE 49

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	P04	TOT P	N02	N03	S103	PH
00.4	STO	00000	00.29	32.90	26.42	00.000	1447.7							
	085	00001	00.29	32.90	26.42		1447.7							
	085	00009	00.13	32.87	26.40		1447.1							
	STO	00010	00.11	32.88	26.41	00.016	1447.0							
	085	00011	00.06	32.90	26.43		1446.8							
	STO	00020	00.05	32.92	26.45	00.032	1447.0							
	085	00020	00.04	32.92	26.45		1446.5							
	STO	00030	- 0.26	32.94	26.48	00.048	1445.7							
	085	00030	- 0.27	32.94	26.48		1445.7							
	STO	00050	- 0.71	33.00	26.54	00.079	1444.1							
	085	00051	- 0.72	33.00	26.55		1444.0							
	085	00059	- 0.72	33.00	26.55		1444.2							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFID 31 8454 YEAR 1975 BOTOP 00044 AIR TEMP 02.0 DIR HGT PER WIND-DIR 24 INST STD RECORDER TEM SO 1306
 COMSEC 0065 MONTH 04 SHIP EV WET BULB 01.5 45 1 1 WIND-SPD 16 TRACE DIR C 5 SQUARE 2
 LAT 44 01.34 DAY 23 DATA USE 1 BAROMETR 1017.3 SEA WIND-FOR DURATION 00.0 2 SQUARE 48
 LONG 3-9 29 W HOUR 04.6 AREA 05 CLOUD T/A CL/TR WEATHER A2 DRG 011 750 1 SQUARE 46

CASUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	SYNDPTH	SND VEL	DRYG	PD4	TOT P	NO2	NO3	SIO3	PH
04.5	STD	00000	01.41	32.86	26.32	00.000	1452.7							
	D85	00000	01.41	32.86	26.32		1452.7							
	STD	00010	01.27	32.89	26.34	00.017	1452.5							
	D85	00011	01.25	32.90	26.37		1452.2							
	STD	00020	01.08	32.66	26.42	00.035	1451.7							
	D85	00020	01.07	32.96	26.43		1451.7							
	D85	00026	01.04	32.58	26.44		1451.7							
	STD	00030	01.04	32.58	26.44	00.049	1451.7							
	D85	00030	01.04	32.58	26.44		1451.7							
	D85	00038	01.04	32.98	26.44		1451.8							

REFID 31 8454 YEAR 1975 BOTOP 03050 AIR TEMP 01.5 DIR HGT PER WIND-DIR 26 INST STD RECORDER TEM SO 1306
 COMSEC 0070 MONTH 04 SHIP EV WET BULB 01.0 00 0 1 WIND-SPD 06 TRACE DIR 0 5 SQUARE 2
 LAT 43 56.84 DAY 23 DATA USE 1 BAROMETR 1016.8 SEA WIND-FOR DURATION 00.0 2 SQUARE 28
 LONG 3-9 10 W HOUR 06.6 AREA 05 CLOUD T/A CL/TR WEATHER A0 DRG 011 759 1 SQUARE 39

CASUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	SYNDPTH	SND VEL	DRYG	PD4	TOT P	NO2	NO3	SIO3	PH
06.6	STD	00000	00.31	32.95	26.46	00.000	1447.5							
	D85	00001	00.31	32.95	26.46		1447.9							
	STD	00010	00.29	32.53	26.45	00.018	1447.9							
	D85	00011	00.29	32.93	26.44		1447.9							
	D85	00017	00.09	32.92	26.45		1447.1							
	STD	00020	00.22	33.01	26.51	00.031	1447.9							
	D85	00020	00.25	33.03	26.53		1448.0							
	STD	00030	00.23	33.03	26.53	00.047	1448.1							
	D85	00030	00.23	33.03	26.53		1448.1							
	STD	00050	00.25	33.07	26.56	00.077	1448.6							
	D85	00051	00.26	33.08	26.57		1448.7							
	D85	00055	00.29	33.10	26.58		1448.9							
	D85	00060	- 0.66	33.07	26.60		1448.6							
	D85	00068	- 0.70	33.11	26.63		1448.6							
	STD	00075	- 0.53	33.14	26.65	00.113	1448.5							
	D85	00076	- 0.51	33.14	26.65		1448.6							
	D85	00081	- 0.47	33.15	26.66		1448.5							

REFID 31 8454 YEAR 1975 BOTOP 00450 AIR TEMP 00.8 DIR HGT PER WIND-DIR 26 INST STD RECORDER TEM SO 1306
 COMSEC 0071 MONTH 04 SHIP EV WET BULB 00.7 00 0 1 WIND-SPD 04 TRACE DIR 0 5 SQUARE 2
 LAT 43 52.24 DAY 23 DATA USE 1 BAROMETR 1018.2 SEA WIND-FOR DURATION 00.2 2 SQUARE 28
 LONG 0-8 59.84 HOUR 07.8 AREA 05 CLOUD T/A CL/TR WEATHER A1 DRG 011 760 1 SQUARE 38

CASUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	SYNDPTH	SND VEL	DRYG	PD4	TOT P	NO2	NO3	SIO3	PH
07.8	STD	00000	00.05	32.95	26.47	00.000	1446.7							
	D85	00000	00.05	32.95	26.47		1446.7							
	STD	00010	00.07	32.95	26.47	00.016	1446.5							
	D85	00011	00.07	32.55	26.47		1447.0							
	STD	00020	00.04	32.95	26.47	00.031	1447.0							
	D85	00020	00.02	32.95	26.47		1446.9							
	STD	00030	- 0.48	32.99	26.53	00.047	1446.6							
	D85	00030	- 0.50	32.99	26.53		1446.7							
	STD	00050	- 0.95	33.14	26.67	00.076	1445.1							
	D85	00051	- 0.98	33.15	26.68		1445.0							
	STD	00075	- 1.28	33.28	26.79	00.109	1442.2							
	D85	00076	- 1.29	33.28	26.79		1442.2							
	D85	00087	- 1.31	33.29	26.80		1442.3							
	STD	00100	- 1.30	33.30	26.81	00.140	1442.6							
	D85	00102	- 1.29	33.31	26.81		1442.6							
	STD	00125	- 1.21	33.40	26.88	00.170	1443.5							
	D85	00125	- 1.20	33.40	26.88		1443.6							
	STD	00150	- 0.65	33.48	26.94	00.199	1445.7							
	D85	00152	- 0.62	33.49	26.94		1445.9							
	STD	00175	- 0.55	33.55	26.98		1447.6							
	STD	00200	- 0.23	33.63	27.04	00.252	1445.6							
	D85	00203	- 0.18	33.65	27.05		1450.0							
	D85	00228	00.22	33.77	27.12		1452.4							
	STD	00250	00.68	33.69	27.20	00.300	1455.0							
	D85	00255	00.76	33.53	27.22		1455.5							
	D85	00277	01.02	34.13	27.37		1457.3							
	D85	00283	01.16	34.18	27.40		1456.2							
	D85	00289	01.77	34.30	27.45		1461.1							
	STD	00300	02.03	34.33	27.46	00.338	1462.4							
	D85	00302	02.08	34.34	27.46		1462.7							
	D85	00350	02.03	34.48	27.57		1463.5							
	STD	00400	02.76	34.65	27.64	00.351	1467.8							
	D85	00401	02.81	34.65	27.64		1467.9							
	D85	00431	03.24	34.76	27.69		1470.7							
	D85	00489	03.40	34.80	27.71		1472.1							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

M C O C S T A T I O N O A T A

REFID 31	8454	YEAR 1975	8070P 01500	AIR TEMP 00.0	DIA ACT PER	WIND-DIA 20	INST STC RECORDER	TEN SQ 1306
CONSEC 0072	MONTH 04	SHIP EV	WET BULB 00.0	00 0 A	WIND-SPD 10	TRACE DIA	0	5 SQUARE 2
LAT 43 47 N	DAY 23	DATA USE 1	BAROMETR 1015.7	SEA	WIND-FOU	DURATION	00.3	2 SQUARE 26
LONG 048 46 W	MOOR 05.3	AREA 05	CLCUD T/A	CL/T/A	WEATHER A1	DRIG 011 761		1 SQUARE 38

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNG VEL	OXYC	PO4	TOT P	NO2	NO3	SIO3	PH
09.3	STO	00000	- 0.23	32.89	26.44	00.000	1445.3							
	OBS	00000	- 0.23	32.89	26.44		1445.3							
	STO	00010	- 0.24	32.89	26.44	00.016	1445.4							
	OBS	00011	- 0.24	32.89	26.44		1445.4							
	OBS	00015	- 0.37	32.88	26.43		1444.9							
	STO	00020	- 0.40	32.90	26.45	00.032	1444.8							
	OBS	00020	- 0.41	32.90	26.45		1444.8							
	STO	00030	- 0.48	32.92	26.47	00.048	1444.7							
	OBS	00030	- 0.48	32.92	26.47		1444.7							
	OBS	00043	- 0.55	32.94	26.49		1444.6							
	STO	00050	- 1.21	33.17	26.70	00.077	1442.0							
	OBS	00051	- 1.31	33.21	26.73		1441.6							
	OBS	00064	- 1.39	33.30	26.81		1441.5							
	STO	00075	- 1.30	33.34	26.84	00.109	1442.2							
	OBS	00076	- 1.29	33.35	26.85		1442.3							
	OBS	00093	- 1.08	33.48	26.95		1443.7							
	STO	00100	- 0.68	33.56	27.00	00.137	1445.8							
	OBS	00100	- 0.63	33.57	27.00		1446.1							
	STO	00125	00.15	33.68	27.05	00.163	1450.2							
	OBS	00125	00.16	33.68	27.05		1450.3							
	STO	00150	00.55	33.95	27.25	00.187	1452.8							
	OBS	00150	00.56	33.95	27.25		1452.9							
	OBS	00175	01.11	34.13	27.36		1456.0							
	STO	00200	01.30	34.18	27.39	00.225	1457.3							
	OBS	00201	01.31	34.18	27.39		1457.4							
	OBS	00226	01.38	34.24	27.43		1458.2							
	STO	00250	01.73	34.38	27.51	00.257	1460.4							
	OBS	00251	01.81	34.39	27.52		1460.7							
	OBS	00258	02.37	34.49	27.56		1463.4							
	OBS	00270	03.06	34.56	27.55		1466.7							
	OBS	00274	03.13	34.61	27.58		1467.1							
	OBS	00281	03.49	34.64	27.57		1468.9							
	OBS	00291	03.87	34.75	27.62		1470.8							
	OBS	00295	04.24	34.79	27.62		1472.4							
	STO	00300	04.30	34.76	27.60	00.285	1472.8							
	OBS	00302	04.33	34.77	27.59		1472.9							
	OBS	00323	02.13	34.51	27.59		1463.5							
	OBS	00350	02.17	34.55	27.62		1464.2							
	STO	00400	02.73	34.65	27.65	00.335	1467.5							
	OBS	00401	02.74	34.65	27.65		1467.6							
	OBS	00451	03.03	34.70	27.66		1469.8							
	STO	00500	03.35	34.77	27.69	00.382	1472.0							
	OBS	00500	03.35	34.77	27.69		1472.0							
	OBS	00552	03.62	34.83	27.71		1474.1							
	STO	00600	03.72	34.86	27.72	00.426	1475.4							
	OBS	00603	03.73	34.86	27.72		1475.5							
	OBS	00652	03.60	34.85	27.73		1475.7							
	STO	00700	03.59	34.86	27.74	00.469	1476.5							
	OBS	00700	03.59	34.86	27.74		1476.5							
	OBS	00750	03.56	34.87	27.75		1477.2							
	STO	00800	03.55	34.87	27.75	00.512	1478.0							
	OBS	00803	03.55	34.87	27.75		1478.1							
	OBS	00854	03.63	34.88	27.75		1479.1							
	STO	00900	03.71	34.90	27.76	00.555	1480.4							
	OBS	00900	03.71	34.90	27.76		1480.4							
	OBS	00951	03.85	34.93	27.77		1481.9							
	STO	01000	03.93	34.95	27.77	00.598	1483.1							
	OBS	01003	03.94	34.95	27.77		1483.1							
	OBS	01018	03.95	34.95	27.77		1483.6							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

ASPID 31	B454	YEAR 1975	ECTOP 03081	AIR TEMP 02.7	DIR MGT PER	WIND-DIR 20	INST STO RECORDER	TEN 50 1306
CONSEC	0373	MONTH 04	SLIP EV	WET BULB 02.0	02 1 2	WIND-SPO 14	TRACE DIR 0	5 SQUARE 2
LAT 43 43.2N		DAY 23	DATA USE 1	BAROMETER 1021.2	SEA	WIND-FOR	DURATION 00.3	2 SQUARE 28
LONG 048 27 W		MOOR 11.5	AREA 05	CLOUD T/A	CL/TR	WEATHER A2	CRIG 011 762 18	1 SQUARE 38

CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SNO VEL	OXYG	P04	TOT P	MO2	NC3	SIO3	PH
11.5	STO	00000	03.05	33.45	26.55	00.000	1464.1							
	085	00000	03.03	33.45	26.55		1464.1							
	STO	00010	03.78	33.44	26.59	00.015	1464.0							
	085	00011	03.77	33.44	26.59		1464.0							
	085	00017	03.71	33.50	26.65		1463.9							
	STO	00020	04.25	33.63	26.65	00.029	1466.4							
	085	00020	04.33	33.63	26.69		1466.7							
	085	00022	04.35	33.57	26.64		1466.8							
	085	00024	03.03	33.61	26.72		1464.7							
	085	00028	02.20	33.44	26.73		1457.5							
	STO	00030	02.21	33.45	26.74	00.042	1457.6							
	085	00030	02.21	33.46	26.75		1457.6							
	085	00032	01.74	33.39	26.72		1455.4							
	085	00034	01.64	33.48	26.80		1455.2							
	085	00038	01.65	33.51	26.83		1455.3							
	085	00040	01.84	33.54	26.84		1456.2							
	085	00045	00.39	33.45	26.86		1449.7							
	STO	00050	00.53	33.58	26.96	00.066	1450.6							
	085	00051	00.57	33.61	26.98		1450.8							
	085	00053	00.62	33.63	26.99		1451.1							
	085	00055	00.81	33.64	26.99		1452.0							
	085	00060	01.77	33.76	27.02		1456.6							
	085	00066	01.55	33.78	27.02		1457.5							
	085	00068	02.07	33.94	27.07		1461.7							
	085	00070	03.17	33.67	27.07		1463.1							
	085	00072	03.19	33.96	27.06		1463.2							
	085	00074	03.47	34.04	27.10		1464.5							
	STO	00075	03.59	34.06	27.10	00.092	1465.1							
	085	00078	03.67	34.13	27.12		1466.8							
	085	00093	04.60	34.30	27.19		1470.0							
	085	00097	05.44	34.41	27.18		1473.6							
	STO	00100	05.47	34.40	27.17	00.116	1473.8							
	085	00102	05.50	34.38	27.15		1473.9							
	085	00106	05.14	34.33	27.15		1472.4							
	085	00112	05.41	34.42	27.19		1473.8							
	085	00116	04.73	34.31	27.18		1470.9							
	085	00123	04.58	34.29	27.18		1470.4							
	STO	00125	04.78	34.36	27.21	00.138	1471.3							
	085	00127	05.07	34.45	27.25		1472.7							
	085	00137	05.09	34.43	27.23		1472.9							
	STO	00150	05.12	34.43	27.23	00.160	1473.2							
	085	00150	05.12	34.43	27.23		1473.2							
	085	00156	05.09	34.43	27.23		1473.2							
	085	00173	04.32	34.38	27.28		1470.2							
	085	00177	04.01	34.34	27.28		1468.9							
	085	00196	03.53	34.32	27.31		1467.2							
	085	00199	03.56	34.43	27.40		1467.5							
	STO	00200	03.57	34.43	27.40	00.200	1467.6							
	085	00207	04.23	34.51	27.39		1470.6							
	085	00220	04.48	34.56	27.41		1471.9							
	085	00228	04.23	34.55	27.43		1471.0							
	085	00234	04.30	34.56	27.43		1471.4							
	085	00239	04.67	34.65	27.46		1473.1							
	085	00243	04.64	34.70	27.50		1473.1							
	STO	00250	04.81	34.68	27.47	00.233	1473.9							
	085	00251	04.84	34.68	27.46		1474.1							
	085	00276	05.03	34.74	27.49		1475.3							
	085	00283	04.67	34.71	27.50		1473.9							
	STO	00300	04.92	34.80	27.54	00.264	1475.3							
	085	00302	04.96	34.81	27.55		1475.6							
	085	00304	04.93	34.80	27.55		1475.5							
	085	00310	04.67	34.77	27.55		1474.5							
	085	00350	04.75	34.86	27.61		1475.6							
	STO	00400	04.80	34.91	27.65	00.319	1476.6							
	085	00405	04.60	34.91	27.65		1476.7							
	085	00451	04.84	34.55	27.68		1477.7							
	STO	00500	04.85	34.98	27.70	00.367	1478.6							
	085	00500	04.85	34.98	27.70		1478.6							
	085	00544	04.65	34.67	27.71		1478.7							
	STO	00600	04.57	34.96	27.72	00.413	1479.1							
	085	00691	04.37	34.66	27.74		1475.8							
	STO	00700	04.30	34.96	27.74	00.458	1479.6							
	085	00700	04.30	34.96	27.74		1479.6							
	085	00750	04.23	34.95	27.74		1480.1							
	STO	00800	04.17	34.96	27.76	00.501	1480.7							
	085	00801	04.17	34.96	27.76		1480.8							
	085	00852	04.08	34.95	27.76		1481.2							
	STO	00900	04.01	34.94	27.76	00.544	1481.7							
	085	00902	04.01	34.94	27.76		1481.7							
	085	00953	03.87	34.93	27.77		1482.0							
	STO	01000	03.82	34.92	27.76	00.588	1482.6							
	085	01003	03.82	34.92	27.76		1482.6							
	085	01018	03.85	34.94	27.78		1483.0							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOCC STATION DATA

PSF10 31 0454 YEAR 1975 8070P 02215 AIR TEMP 05.8 OIR HGT PER WIND-OIR 29 INST STC RECORDER TEN SO 1306
 CONSEC 0074 MONTH 04 SHIP EV WET BULB 02.8 29 2 2 WIND-SPO 22 TRACE OIR 0 5 SQUARE 2
 LAT 43 34 N DAY 23 DATA USE 1 BAROMETER 1024.9 SEA DURATION 00.3 2 SQUARE 2
 LONG 048 02 W HOUR 14.0 AREA 05 CLCUO T/A CL/TR WEATHER X2 DRAG 011 763 18 1 SQUARE 38

CASSTNUM/TIME	LVL/TP	DEPTH	TEMP	SAL	SIGMA-T	DYMDPTH	SAD VEL	OXYG	PO4	TOT P	NO2	NO3	S103	PH
14.0	STD	00000	11.05	35.40	27.10	00.000	1454.7							
	OBS	00003	11.05	35.40	27.10		1454.7							
	STD	00010	11.05	35.40	27.10	00.010	1454.8							
	OBS	00011	11.05	35.40	27.10		1454.9							
	STD	00020	11.07	35.40	27.09	00.020	1455.1							
	OBS	00020	11.07	35.40	27.09		1455.1							
	STD	00030	11.06	35.40	27.09	00.025	1455.2							
	OBS	00030	11.06	35.40	27.09		1455.2							
	STD	00030	11.07	35.40	27.09	00.045	1455.6							
	OBS	00051	11.07	35.40	27.05		1455.6							
	STD	00075	11.07	35.40	27.05	00.074	1456.0							
	OBS	00076	11.07	35.40	27.09		1456.0							
	STD	00100	11.07	35.41	27.10	00.095	1456.4							
	OBS	00100	11.07	35.41	27.10		1456.4							
	STD	00125	11.09	35.40	27.09	00.124	1456.9							
	OBS	00125	11.09	35.40	27.09		1456.9							
	STD	00150	11.09	35.41	27.10	00.149	1457.3							
	OBS	00150	11.05	35.41	27.10		1457.3							
	OBS	00175	11.09	35.40	27.09		1457.7							
	STD	00200	11.10	35.41	27.09	00.200	1458.1							
	OBS	00201	11.10	35.41	27.09		1458.2							
	OBS	00226	11.00	35.38	27.09		1458.2							
	OBS	00237	10.94	35.38	27.10		1458.1							
	OBS	00243	10.53	35.30	27.11		1458.7							
	STD	00250	09.94	35.19	27.13	00.251	1459.5							
	OBS	00251	09.85	35.18	27.14		1459.2							
	OBS	00260	09.55	35.16	27.17		1453.2							
	OBS	00276	08.92	35.06	27.20		1451.0							
	STD	00300	08.15	34.93	27.22	00.299	1488.3							
	OBS	00302	08.08	34.92	27.22		1488.1							
	OBS	00350	07.63	34.94	27.30		1487.2							
	STD	00400	06.70	34.90	27.40	00.382	1484.3							
	OBS	00401	06.69	34.90	27.40		1484.3							
	OBS	00426	06.81	34.98	27.45		1485.3							
	OBS	00430	06.52	34.93	27.45		1484.1							
	OBS	00451	06.55	34.96	27.47		1484.6							
	OBS	00466	06.27	34.92	27.48		1483.7							
	OBS	00472	05.91	34.87	27.48		1482.3							
	OBS	00498	05.68	34.87	27.51		1481.8							
	STD	00500	05.60	34.86	27.51	00.452	1481.5							
	OBS	00502	05.45	34.83	27.51		1480.9							
	OBS	00523	04.47	34.73	27.54		1477.1							
	OBS	00550	04.37	34.78	27.59		1477.2							
	OBS	00559	04.76	34.88	27.63		1475.2							
	STD	00600	05.20	34.97	27.65	00.511	1481.7							
	OBS	00601	05.21	34.97	27.65		1481.8							
	OBS	00651	05.03	34.98	27.71		1481.8							
	STD	00700	04.78	34.98	27.71	00.561	1481.6							
	OBS	00700	04.78	34.98	27.71		1481.6							
	OBS	00750	04.66	34.97	27.71		1482.0							
	STD	00800	04.58	34.98	27.73	00.608	1482.5							
	OBS	00805	04.57	34.98	27.73		1482.5							
	OBS	00850	04.46	34.98	27.74		1482.6							
	STD	00900	04.24	34.95	27.74	00.654	1482.7							
	OBS	00902	04.23	34.95	27.74		1482.7							
	OBS	00955	04.21	34.95	27.75		1483.5							
	STD	01000	04.12	34.95	27.75	00.695	1483.9							
	OBS	01001	04.12	34.95	27.76		1483.9							
	OBS	01022	04.08	34.95	27.76		1484.0							
	OBS	01024	04.08	34.95	27.76		1484.1							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOCC STATION DATA

REFID 31 8454	YEAR 1975	8070P 03817	AIR TEMP 05.6	DIR HGT PER	WIND-DIR 24	INST STC RECORDER	TEM SQ 1306
CONSEC 0075	MONTH 04	SHIP EV	WET BULB 03.3	33 3 4	WIND-SPO 17	TRACE DIR 0	5 SQUARE 2
LAT 43 26.2N	DAY 23	DATA USE 1	BAROMETER 1026.9	SEA	WIND-FOR	DURATION 00.4	2 SQUARE 2A
LONG 047 33.80	HOOR 16.7	ARIA 05	CLOUD T/A	CL/TR	WEATHER X2	ORIG C11 764 14	1 SQUARE 37

CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-7	SYNDEPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	S103	PH
16.7	STO	00000	11.53	35.51	27.09	00.000	1456.5							
	OBS	00000	11.53	35.51	27.09		1496.5							
	STO	00010	11.53	35.51	27.09	00.010	1456.7							
	OBS	00011	11.53	35.51	27.09		1496.7							
	STO	00020	11.53	35.52	27.10	00.020	1456.8							
	OBS	00020	11.53	35.52	27.10		1456.8							
	STO	00030	11.53	35.51	27.09	00.029	1497.0							
	OBS	00030	11.53	35.51	27.09		1457.0							
	STO	00050	11.53	35.51	27.09	00.045	1497.3							
	OBS	00051	11.53	35.51	27.09		1457.3							
	STO	00075	11.53	35.52	27.10	00.074	1457.8							
	OBS	00076	11.53	35.52	27.10		1497.8							
	STO	00100	11.53	35.51	27.09	00.095	1498.1							
	OBS	00100	11.53	35.51	27.09		1498.1							
	STO	00125	11.53	35.51	27.09	00.124	1458.5							
	OBS	00125	11.53	35.51	27.09		1458.5							
	STO	00150	11.53	35.51	27.09	00.150	1458.9							
	OBS	00150	11.53	35.51	27.09		1459.0							
	OBS	00175	11.52	35.50	27.09		1459.3							
	STO	00200	11.50	35.50	27.09	00.201	1459.7							
	OBS	00203	11.50	35.50	27.09		1459.7							
	OBS	00226	11.50	35.50	27.09		1500.1							
	STO	00250	11.48	35.49	27.09	00.253	1500.4							
	OBS	00253	11.48	35.48	27.08		1500.4							
	OBS	00270	11.09	35.38	27.07		1499.2							
	OBS	00277	10.12	35.24	27.14		1455.7							
	STO	00300	09.43	35.11	27.16	00.304	1453.4							
	OBS	00300	09.43	35.11	27.16		1493.3							
	OBS	00350	07.48	34.84	27.25		1486.5							
	STO	00400	07.48	34.93	27.32	00.394	1487.4							
	OBS	00401	07.48	34.93	27.32		1487.4							
	OBS	00449	06.72	34.87	27.38		1485.2							
	OBS	00453	06.48	34.82	27.37		1484.2							
	OBS	00479	06.07	34.81	27.41		1483.0							
	STO	00500	05.89	34.83	27.45	00.472	1482.7							
	OBS	00500	05.89	34.83	27.45		1482.6							
	OBS	00550	05.46	34.97	27.56		1483.5							
	STO	00600	05.31	34.90	27.58	00.536	1482.0							
	OBS	00601	05.30	34.90	27.58		1482.0							
	OBS	00651	05.37	35.00	27.65		1483.3							
	STO	00700	04.64	34.90	27.66	00.552	1481.0							
	OBS	00700	04.64	34.90	27.66		1481.0							
	OBS	00750	04.78	34.98	27.71		1482.5							
	STO	00800	04.72	34.98	27.71	00.642	1483.1							
	OBS	00801	04.72	34.98	27.71		1483.1							
	OBS	00850	04.51	34.97	27.73		1483.0							
	STO	00900	04.38	34.96	27.74	00.650	1483.3							
	OBS	00902	04.37	34.96	27.74		1483.3							
	OBS	00951	04.28	34.96	27.75		1483.7							
	OBS	00982	04.15	34.95	27.75		1483.7							
	STO	01000	04.16	34.95	27.75	00.735	1484.0							
	OBS	01003	04.16	34.95	27.75		1484.1							
	OBS	01018	04.16	34.96	27.76		1484.3							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MODE STATION DATA														
REFID 31	8454	YEAR 1975	BOTCP 03647	AIR TEMP 04.5	DIR HGT PER	WIND-DIR 26	INST STD RECORDER	TEN SQ 1306						
CONSIC 0076		MONTH 04	SNIP EV	WET BULB 02.5	27 2 2	WIND-SPD 14	TRACE DIR 0	5 SQUARE 2						
LAT 43 14 N		DAY 23	DATA USE 1	BAROMETER 1029.0	SEA	WIND-FOR	DURATION 00.8	2 SQUARE 26						
LONG 047 13.5W		HOOR 19.6	AREA 05	CLOUD T/A	CL/TR	WEATHER A2	DRIG C11 765 04	1 SQUARE 37						
CASTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DVNDPTH	SND VEL	ORYG	PD4	TOT P	NQ2	NQ3	SIO3	PH
	STD	00000	04.39	33.78	26.80	00.000	1466.9							
19.6	085	00001	04.39	33.78	26.80		1466.9							
	STD	00010	04.40	33.78	26.80	00.013	1467.0							
	085	00011	04.40	33.78	26.80		1467.1							
	STD	00020	04.42	33.80	26.81	00.025	1467.4							
	085	00020	04.43	33.81	26.82		1467.4							
	085	00028	04.51	33.92	26.90		1468.0							
	STD	00030	04.68	33.94	26.90	00.037	1468.0							
	085	00030	04.74	33.95	26.89		1469.0							
	STD	00050	05.33	34.08	26.93	00.060	1472.0							
	085	00051	05.37	34.09	26.93		1472.2							
	085	00059	04.96	33.93	26.87		1470.4							
	085	00060	04.18	33.83	26.88		1467.0							
	085	00062	04.66	33.95	26.90		1469.2							
	085	00074	03.88	34.04	27.06		1466.3							
	STD	00075	03.99	34.06	27.06	00.087	1466.8							
	085	00076	04.15	34.09	27.07		1467.5							
	085	00078	04.46	34.16	27.09		1468.9							
	085	00079	04.23	34.12	27.08		1468.0							
	085	00083	04.42	34.15	27.09		1468.9							
	085	00095	03.63	34.02	27.07		1465.5							
	STD	00100	03.49	34.02	27.08	00.112	1465.0							
	085	00100	03.48	34.02	27.08		1465.0							
	085	00102	03.46	34.04	27.10		1465.0							
	085	00104	03.51	34.12	27.16		1465.3							
	085	00106	03.77	34.13	27.14		1466.5							
	085	00118	04.03	34.21	27.18		1467.9							
	085	00121	05.08	34.33	27.17		1472.5							
	STD	00125	05.38	34.42	27.19	00.136	1473.9							
	085	00125	05.42	34.43	27.20		1474.0							
	085	00139	04.77	34.37	27.22		1471.5							
	085	00142	05.35	34.52	27.28		1474.2							
	085	00144	05.51	34.54	27.27		1474.6							
	STD	00150	05.29	34.49	27.26	00.158	1474.0							
	085	00154	05.25	34.48	27.26		1473.9							
	085	00159	05.38	34.50	27.26		1474.5							
	085	00169	03.73	34.28	27.26		1467.5							
	085	00173	03.47	34.24	27.26		1466.4							
	085	00175	03.55	34.31	27.30		1466.9							
	085	00188	03.96	34.40	27.34		1469.0							
	085	00190	03.90	34.39	27.33		1468.7							
	085	00196	03.02	34.25	27.31		1464.9							
	STD	00200	02.93	34.26	27.32	00.198	1464.4							
	085	00201	02.84	34.26	27.33		1464.2							
	085	00203	02.90	34.28	27.34		1464.5							
	085	00205	03.44	34.34	27.34		1467.0							
	085	00207	03.50	34.36	27.37		1467.3							
	085	00211	04.18	34.47	27.37		1470.4							
	085	00215	05.11 P	34.67 P	27.420									
	085	00226	04.87	34.57	27.37		1473.6							
	085	00237	04.67	34.63	27.41		1474.3							
	STD	00250	04.15	34.52	27.41	00.235	1470.9							
	085	00251	04.12	34.52	27.41		1470.8							
	085	00253	04.10	34.52	27.42		1470.8							
	085	00276	04.23	34.56	27.46		1471.8							
	STD	00300	04.38	34.67	27.50	00.268	1473.0							
	085	00300	04.36	34.67	27.50		1473.0							
	085	00344	04.75	34.81	27.57		1475.4							
	085	00348	04.75	34.79	27.56		1475.4							
	085	00352	04.46	34.74	27.55		1474.2							
	085	00354	04.42	34.77	27.56		1474.1							
	085	00382	04.39	34.76	27.56		1474.5							
	STD	00400	03.89	34.73	27.60	00.326	1472.6							
	085	00403	03.87	34.72	27.60		1472.6							
	085	00409	03.86	34.75	27.62		1472.8							
	085	00416	04.37	34.82	27.63		1475.0							
	085	00451	04.56	34.88	27.65		1476.5							
	STD	00500	04.60	34.93	27.69	00.376	1477.5							
	085	00500	04.60	34.93	27.69		1477.5							
	085	00552	04.55	34.95	27.71		1478.2							
	STD	00600	04.50	34.95	27.71	00.423	1478.8							
	085	00601	04.50	34.95	27.71		1478.8							
	085	00651	04.42	34.96	27.73		1479.3							
	STD	00700	04.35	34.96	27.74	00.468	1479.8							
	085	00700	04.35	34.96	27.74		1479.8							
	085	00750	04.26	34.96	27.75		1480.3							
	STD	00800	04.14	34.95	27.75	00.511	1480.6							
	085	00801	04.14	34.95	27.75		1480.6							
	085	00850	04.05	34.95	27.76		1481.1							
	STD	00900	03.99	34.95	27.77	00.554	1481.6							
	085	00902	03.99	34.95	27.77		1481.7							
	085	00951	03.94	34.95	27.77		1482.3							
	STD	01000	03.76	34.91	27.76	00.597	1482.3							
	085	01005	03.74	34.91	27.76		1482.3							
	085	01018	03.67	34.91	27.77		1482.2							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

M O D C S T A T I O N D A T A

REFID 31	8454	YEAR 1975	BOTOP 03078	AIR TEMP 03.3	OIR MGT PER 32 2 1	WIND-OIR 32	INST STO RECORDER	TEM 50 1306
CONSEC	0077	MONTH 04	SHIP EV	WET BULB 02.1	SEA	WIND-SPO 10	TRACE OIR 0	5 SQUARE 2
LA 43 10 N		DAY 23	DATA USE 1	BAROMETR 1031.5	CL/TP	WIND-FOR	DURATION 00.1	2 SQUARE 26
LONG 046 49 W		HOOR 22.0	AREA 05	CLOUD 7/A		WEATHER A1	DRIC C11 766	1 SQUARE 36

CASHTH/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SNO VEL	DAYC	PO4	TOT P	NO2	NO3	SIO3	PH
22.0	STO	00000	04.03	33.60	26.69	00.000	1465.1							
	OBS	00003	04.03	33.60	26.69		1465.2							
	STO	00010	03.99	33.60	26.70	00.014	1465.1							
	OBS	00011	03.98	33.60	26.70		1465.1							
	STO	00020	03.92	33.59	26.70	00.027	1465.0							
	OBS	00020	03.91	33.55	26.70		1464.9							
	OBS	00024	03.83	33.57	26.69		1464.6							
	STO	00030	03.61	33.61	26.74	00.040	1463.8							
	OBS	00030	03.59	33.61	26.74		1463.7							
	STO	00050	03.81	33.63	26.90	00.065	1465.3							
	OBS	00051	03.82	33.64	26.90		1465.4							
	STO	00075	03.74	33.94	27.00	00.093	1465.6							
	OBS	00076	03.73	33.96	27.01		1465.6							
	OBS	00095	03.58	34.03	27.08		1465.3							
	STO	00100	03.48	34.05	27.10	00.115	1465.0							
	OBS	00100	03.46	34.05	27.11		1464.9							
	OBS	00104	03.39	34.04	27.11		1464.7							
	STO	00125	03.06	34.07	27.16	00.143	1463.6							
	OBS	00127	03.03	34.07	27.16		1463.6							
	OBS	00129	03.01	34.10	27.19		1463.6							
	STO	00150	03.08	34.15	27.22	00.165	1464.3							
	OBS	00150	03.08	34.15	27.22		1464.3							
	OBS	00177	03.18	34.27	27.31		1465.3							
	OBS	00180	03.13	34.27	27.31		1465.1							
	OBS	00186	03.64	34.38	27.35		1467.6							
	OBS	00194	03.73	34.43	27.38		1468.1							
	OBS	00195	04.16	34.50	27.35		1470.1							
	STO	00200	04.16	34.50	27.39	00.205	1470.2							
	OBS	00201	04.21	34.52	27.40		1470.4							
	OBS	00205	04.33	34.52	27.39		1471.0							
	OBS	00213	04.05	34.45	27.40		1465.9							
	OBS	00228	03.83	34.46	27.40		1465.2							
	STO	00250	03.44	34.48	27.45	00.235	1467.9							
	OBS	00251	03.42	34.48	27.45		1467.8							
	OBS	00276	03.99	34.62	27.51		1470.6							
	STO	00300	04.56	34.73	27.53	00.270	1473.8							
	OBS	00300	04.57	34.73	27.53		1473.8							
	OBS	00317	04.71	34.78	27.56		1474.8							
	OBS	00325	05.06	34.87	27.59		1476.4							
	STO	00400	04.73	34.88	27.63	00.326	1476.3							
	OBS	00401	04.71	34.88	27.63		1476.3							
	OBS	00403	04.69	34.90	27.65		1476.2							
	OBS	00451	04.93	34.56	27.67		1478.1							
	STO	00500	04.51	34.99	27.70	00.375	1478.5							
	OBS	00500	04.91	34.55	27.70		1478.5							
	OBS	00550	04.71	34.98	27.71		1478.9							
	STO	00600	04.69	34.99	27.72	00.420	1475.6							
	OBS	00603	04.69	34.59	27.72		1479.7							
	OBS	00651	04.61	34.59	27.73		1480.1							
	STC	00700	04.51	34.55	27.74	00.465	1480.5							
	OBS	00700	04.51	34.99	27.74		1480.5							
	OBS	00750	04.44	34.99	27.75		1481.1							
	STO	00800	04.33	34.98	27.76	00.508	1481.5							
	OBS	00801	04.33	34.98	27.76		1481.5							
	OBS	00852	04.08	34.95	27.76		1481.2							
	STO	00900	04.01	34.54	27.76	00.552	1481.7							
	OBS	00902	04.01	34.54	27.76		1481.7							
	OBS	00951	04.01	34.55	27.77		1482.6							
	STO	01000	03.95	34.54	27.77	00.595	1483.1							
	OBS	01001	03.54	34.54	27.77		1483.1							
	OBS	01018	03.82	34.53	27.77		1482.5							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

NOOC STATION DATA

REFID 31 8454	YEAR 1975	80TOP 04361	AIR TEMP 05.1	OIR PCT PER	WIND-OIR 30	INST STO RECORDER	TEN SQ 1306
CONSEC 0078	MONTH 04	SHIP EV	WET BULB 03.0	00 0 A	WIND-SPD 12	TRACE CIR 0	5 SQUARE 2
LAT 43 00 N	DAY 24	CATA USE 1	BARCHETR 1003.0	SEA	WIND-FDR	CURATICA 00.5	2 SQUARE 26
LONG 046 21 W	MOUR 01.3	AREA 05	CLCUD T/A	CL/TR	WEATHER X2	ORIG 011 767	1 SQUARE 36

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYNDPTH	SND VEL	ORIG	PO4	TOT P	NO2	NO3	S103	PH
01.3	STD	00000	15.00	36.07	26.81	00.000	1506.7							
	OBS	00030	15.00	36.07	26.81		1506.7							
	STD	00010	15.01	36.06	26.80	00.013	1508.9							
	OBS	00010	15.01	36.06	26.80		1508.9							
	STD	00020	15.01	36.06	26.80	00.025	1509.1							
	OBS	00020	15.01	36.06	26.80		1509.1							
	STD	00030	15.00	36.06	26.81	00.038	1509.2							
	OBS	00030	15.00	36.06	26.81		1509.2							
	STD	00050	14.89	36.04	26.82	00.063	1509.1							
	OBS	00050	14.85	36.04	26.82		1509.1							
	OBS	00060	14.26	35.88	26.83		1507.1							
	STD	00075	14.17	35.51	26.87	00.094	1507.1							
	OBS	00075	14.17	35.91	26.87		1507.1							
	STD	00100	14.13	35.90	26.87	00.124	1507.4							
	OBS	00100	14.13	35.90	26.87		1507.4							
	STD	00125	13.98	35.87	26.88	00.155	1507.3							
	OBS	00125	13.97	35.87	26.88		1507.2							
	OBS	00129	13.87	35.86	26.90		1506.9							
	STD	00150	13.65	35.84	26.92	00.185	1506.7							
	OBS	00150	13.69	35.84	26.92		1506.7							
	OBS	00177	13.56	35.83	26.94		1506.7							
	STD	00200	13.47	35.79	26.93	00.244	1506.7							
	OBS	00201	13.45	35.79	26.93		1506.7							
	OBS	00226	13.06	35.72	26.96		1505.7							
	STD	00250	12.83	35.68	26.97	00.303	1505.2							
	OBS	00251	12.81	35.68	26.98		1505.2							
	OBS	00277	12.41	35.62	27.01		1504.2							
	STD	00300	12.05	35.54	27.02	00.360	1503.2							
	OBS	00302	12.00	35.53	27.02		1503.1							
	OBS	00350	10.84	35.35	27.10		1495.6							
	OBS	00354	10.62	35.33	27.12		1498.9							
	STD	00400	09.53	35.20	27.21	00.464	1495.5							
	OBS	00403	09.49	35.20	27.21		1495.4							
	OBS	00420	09.37	35.21	27.24		1495.3							
	OBS	00453	08.45	35.10	27.30		1492.2							
	STD	00500	07.92	35.09	27.36	00.552	1491.0							
	OBS	00502	07.89	35.09	27.38		1490.9							
	OBS	00552	07.27	35.06	27.45		1489.3							
	OBS	00560	06.83	35.03	27.49		1488.0							
	OBS	00586	06.50	34.96	27.48		1486.7							
	STD	00600	06.27	34.97	27.51	00.625	1486.0							
	OBS	00601	06.27	34.97	27.51		1486.0							
	OBS	00603	06.27	35.03	27.56		1486.1							
	OBS	00651	06.07	35.03	27.59		1486.1							
	STD	00700	05.66	35.02	27.63	00.687	1485.3							
	OBS	00700	05.66	35.02	27.63		1485.3							
	OBS	00750	05.27	35.00	27.66		1484.5							
	STD	00800	05.08	34.99	27.68	00.741	1484.6							
	OBS	00803	05.07	34.99	27.68		1484.5							
	OBS	00852	04.84	34.96	27.70		1484.4							
	OBS	00854	04.80	34.96	27.70		1484.3							
	STD	00900	04.75	35.01	27.73	00.751	1484.9							
	OBS	00902	04.75	35.01	27.73		1484.9							
	OBS	00951	04.78	35.02	27.74		1485.9							
	STD	01000	04.73	35.02	27.74	00.83E	1486.5							
	OBS	01001	04.73	35.02	27.74		1486.5							
	OBS	01018	04.66	35.01	27.74		1486.5							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFID 31 0454 YEAR 1975 BOTDIP 04226 AIR TEMP 04.6 OIR PGT PER WIND-CIA 28 INST STO RECORDER YEM SQ 1306
 COMSEC 0076 MONTH 04 SHIP EV WET BULB 01.6 00 Q K WIND-SPO 04 TRACE CIA 0 5 SQUARE 2
 LAT 42 34 N DAY 24 DATA USE 1 840METR 1030.0 SEA WIND-FOR DURATION 2 SQUARE 26
 LONG 046 42 W HOUR 03.2 AREA 03 CLCUD T/4 CL/YR WEATHER R1 DRPG 011 768 1 SQUARE 26

CAS	NUM	TIME	LVL	DEPTH	TEMP	SAL	SIGMA-T	OMPH	VEL	OXYG	PO4	TCT	P	NO2	NO3	SI03	PH
05.2			ST0	00000	06.64	33.71	26.47	00.000	1475.9								
	085		00001	06.64	33.71	26.47			1476.0								
	085		00007	06.75	33.74	26.50			1476.6								
	ST0		00010	07.10	33.93	26.58		00.015	1478.2								
	085		00011	07.34	34.00	26.61			1479.3								
	085		00015	08.14	34.08	26.55 *			1482.5								
	ST0		00020	08.37	34.19	26.80		00.030	1483.6								
	085		00020	08.42	34.20	26.80			1483.8								
	085		00028	08.88	34.19	26.52 *			1485.7								
	ST0		00030	08.23	34.12	26.57		00.044	1483.2								
	085		00030	08.12	34.10	26.57			1482.7								
	085		00032	08.30	34.30	26.70			1483.7								
	085		00034	08.46	34.29	26.67 *			1484.3								
	085		00036	08.39	34.33	26.71			1484.1								
	085		00041	08.51	34.38	26.73			1484.7								
	085		00043	09.30	34.65	26.85			1488.2								
	085		00047	05.71	34.77	26.84			1489.8								
	ST0		00050	10.38	34.92	26.84		00.071	1472.5								
	085		00053	10.47	34.94	26.84			1472.5								
	085		00057	05.39	34.70	26.84			1488.7								
	085		00060	06.97	34.68	26.89			1487.2								
	085		00074	09.70	34.97	27.00			1490.5								
	ST0		00075	05.76	35.02	27.03		00.100	1490.8								
	085		00076	05.90	35.06	27.04			1491.3								
	085		00078	10.31	35.07	26.97 *			1492.5								
	ST0		00100	10.69	35.16	26.58		00.127	1454.7								
	085		00100	10.71	35.17	26.58			1454.8								
	ST0		00125	11.51	35.38	27.00		00.155	1498.3								
	085		00125	11.51	35.38	27.00			1458.3								
	085		00139	11.37	35.34	26.99			1458.0								
	085		00146	10.43	35.12	26.99			1494.5								
	ST0		00150	10.25	35.14	27.04		00.182	1493.9								
	085		00150	10.23	35.14	27.04			1453.5								
	085		00156	09.57	35.02	26.99 *			1452.9								
	085		00159	09.43	34.94	27.02			1490.8								
	085		00163	09.21	34.88	27.01			1490.0								
	085		00177	08.87	34.90	27.08			1489.0								
	085		00184	08.83	34.89	27.08			1485.0								
	085		00188	08.70	34.83	27.05 *			1488.5								
	ST0		00200	08.38	34.87	27.13		00.233	1487.5								
	085		00201	08.35	34.87	27.14			1487.4								
	085		00226	08.32	34.90	27.17			1487.7								
	ST0		00250	08.32	34.96	27.21		00.281	1488.2								
	085		00251	08.32	34.96	27.21			1488.2								
	085		00276	08.07	34.54	27.24			1487.6								
	ST0		00300	07.50	34.93	27.25		00.325	1487.4								
	085		00300	07.89	34.93	27.26			1487.3								
	085		00344	07.25	34.94	27.36			1485.6								
	085		00350	07.63	35.04	27.38			1487.3								
	ST0		00400	08.04	35.16	27.41		00.407	1489.8								
	085		00401	08.05	35.16	27.41			1489.9								
	085		00451	07.16	35.05	27.49			1487.2								
	ST0		00500	06.67	35.07	27.54		00.476	1486.1								
	085		00502	06.65	35.07	27.54			1486.0								
	085		00550	06.31	35.08	27.60			1485.5								
	085		00561	06.24	35.07	27.60			1485.4								
	085		00569	05.72	34.98	27.59			1483.3								
	ST0		00600	05.46	34.98	27.63		00.535	1482.8								
	085		00601	05.45	34.98	27.63			1482.7								
	085		00651	05.19	35.00	27.67			1482.5								
	ST0		00700	04.91	34.97	27.68		00.588	1482.1								
	085		00702	04.90	34.57	27.68			1482.2								
	085		00730	04.88	35.01	27.72			1482.5								
	085		00788	04.83	35.02	27.73			1483.4								
	ST0		00800	04.90	35.03	27.73		00.636	1483.8								
	085		00803	04.91	35.03	27.73			1483.5								
	085		00850	04.76	35.02	27.74			1484.1								
	ST0		00900	04.59	34.99	27.74		00.683	1484.2								
	085		00902	04.58	34.99	27.74			1484.2								
	085		00951	04.45	34.55	27.75			1484.5								
	ST0		01000	04.37	34.98	27.75		00.730	1484.9								
	085		01003	04.36	34.98	27.75			1484.9								
	085		01012	04.31	34.97	27.75			1484.5								
	085		01022	04.31	34.98	27.76			1485.0								

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

H D O C S T A T I O N D A T A

KSF10 31	8454	YEAR 1975	BOTOP 04244	AIR TEMP 04.3	OIR HGT PER	WIND-OIR 27	INST STO RECORDER	7EN 50 1306
COMSEC 0080		MONTH 04	SRIP EV	WET BULB 02.5	99 A A	WIND-SPO 16	TRACE OIR D	5 SQUARE 2
LAT 42 10.5N		DAY 24	DATA USE 1	BARGNETR 1030.1	SEA	WIND-FOR	DURATION	2 SQUARE 26
LONG 047 01.5W		MOOR 08.9	AREA 05	CLOUD T/A	CL/TB	WEATHER K1	ORIG 011 765	1 SQUARE 27

CASNUM/TIME	LVL/TYP	DEPTH	TEMP	S&L	SIGMA-T	QYNOPTH	SND VEL	OXYG	PO4	TOT P	MO2	NO3	SIO3	PH
08.9	STO	00000	06.73	33.62	26.35	00.000	1476.2							
085	00003	06.73	33.62	26.39			1476.2							
STO	00010	06.73	33.62	26.39		00.016	1476.3							
085	00011	06.73	33.62	26.39			1476.4							
085	00019	06.71	33.87	26.59			1476.7							
STO	00020	06.99	33.55	26.62		00.032	1478.0							
085	00020	07.16	33.99	26.62			1478.7							
085	00022	07.23	33.94	26.57	*		1478.9							
085	00026	07.66	34.09	26.63			1480.9							
STO	00030	07.71	34.15	26.67		00.046	1481.2							
085	00030	07.75	34.16	26.67			1481.4							
085	00034	08.25	34.27	26.68			1483.3							
085	00041	08.59	34.34	26.69			1485.0							
085	00049	08.07	34.26	26.70			1483.0							
STO	00050	07.89	34.24	26.71		00.073	1482.3							
085	00053	07.34	34.22	26.76			1480.2							
085	00059	08.92	34.69	26.91			1487.0							
085	00062	09.73	34.84	26.89			1490.2							
085	00068	10.19	34.98	26.92			1492.2							
085	00070	10.53	35.04	26.91			1493.5							
085	00074	11.24	35.27	26.96			1496.4							
STO	00075	11.31	35.26	26.94		00.104	1496.6							
085	00076	11.39	35.26	26.92			1496.9							
085	00081	11.47	35.30	26.94			1497.4							
085	00089	12.23	35.54	26.98			1500.4							
085	00053	12.35	35.54	26.96			1500.9							
085	00057	12.64	35.63	26.97			1502.0							
STO	00100	12.65	35.62	26.96		00.133	1502.1							
085	00100	12.65	35.62	26.96			1502.1							
STO	00125	12.42	35.56	26.96		00.161	1501.6							
085	00125	12.41	35.56	26.96			1501.6							
STO	00150	12.23	35.56	27.00		00.185	1501.4							
085	00150	12.23	35.56	27.00			1501.4							
085	00175	12.01	35.53	27.02			1501.0							
STO	00200	11.50	35.48	27.08		00.243	1499.6							
085	00201	11.47	35.48	27.08			1499.5							
085	00217	11.27	35.45	27.09			1499.1							
085	00226	09.90	35.18	27.13			1494.0							
085	00232	09.86	35.18	27.13			1494.0							
085	00236	08.67	34.88	27.10	*		1489.2							
085	00235	08.62	34.55	27.16			1489.1							
085	00243	07.78	34.76	27.14			1485.8							
STO	00250	07.48	34.73	27.16		00.293	1484.7							
085	00251	07.45	34.72	27.16			1484.6							
085	00255	07.42	34.70	27.14			1484.5							
085	00256	07.77	34.84	27.20			1486.1							
085	00274	07.60	34.79	27.19			1485.6							
085	00277	07.77	34.83	27.19			1486.4							
085	00283	07.89	34.86	27.20			1487.0							
085	00263	09.09	35.14	27.23			1492.0							
STO	00300	09.16	35.13	27.21		00.340	1492.4							
085	00300	09.17	35.12	27.20			1492.4							
085	00304	08.14	34.96	27.24			1486.5							
085	00310	08.36	35.00	27.24			1489.4							
085	00317	08.31	35.00	27.25			1489.3							
085	00323	07.48	34.83	27.24			1486.0							
085	00350	07.89	34.56	27.29			1486.2							
STO	00400	07.89	35.08	27.37		00.426	1489.2							
085	00401	07.89	35.08	27.37			1489.2							
085	00415	07.93	35.10	27.38			1489.6							
085	00422	07.27	34.59	27.39			1487.0							
085	00445	06.76	34.96	27.44			1485.4							
085	00453	06.21	34.86	27.45			1483.2							
085	00454	06.15	34.86	27.46			1483.0							
085	00462	06.74	35.05	27.51			1485.7							
085	00470	06.67	35.02	27.50			1485.5							
085	00477	06.18	34.94	27.50			1483.6							
085	00475	06.14	34.93	27.50			1483.4							
085	00489	05.42	34.80	27.49			1480.5							
085	00496	04.47	34.68	27.50			1476.6							
085	00498	04.42	34.70	27.52			1476.4							
STO	00500	04.29	34.68	27.52		00.497	1475.9							
085	00504	03.51	34.63	27.52			1474.3							
085	00521	03.37	34.57	27.53			1472.2							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

M O C C S T A T I O N D A T A														
CASTNO/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	QYNDPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	S103	PH
085	00534	02.57	34.58	27.37			1470.7							
085	00542	03.25	34.68	27.63			1472.2							
085	00546	03.60	34.70	27.61			1473.8							
085	00552	03.74	34.70	27.60			1474.5							
085	00576	04.04	34.75	27.60			1476.2							
085	00584	04.88	34.92	27.65			1480.0							
STO	00600	04.99	34.94	27.65		00.554	1480.8							
085	00603	05.01	34.94	27.65			1480.9							
085	00605	05.02	34.94	27.65			1481.0							
085	00611	05.28	35.00	27.66			1482.2							
085	00620	05.15	34.98	27.66			1481.8							
085	00626	04.67	34.89	27.65			1479.8							
085	00651	04.40	34.87	27.66			1479.1							
085	00658	04.53	34.90	27.67			1479.8							
085	00662	05.02	34.99	27.69			1482.0							
085	00664	05.02	35.00	27.85			1482.1							
085	00668	05.32	35.04	27.69			1483.4							
STO	00700	05.31	35.04	27.69		00.605	1483.6							
085	00700	05.31	35.04	27.69			1483.9							
085	00750	04.76	34.97	27.70			1482.4							
STO	00800	04.75	34.99	27.72		00.654	1483.2							
085	00801	04.75	34.99	27.72			1483.2							
085	00850	04.77	35.03	27.75			1484.2							
STO	00900	04.69	35.02	27.75		00.701	1484.6							
085	00904	04.68	35.02	27.75			1484.7							
085	00951	04.60	35.01	27.75			1485.1							
STO	01000	04.46	35.00	27.76		00.746	1485.3							
085	01003	04.45	35.00	27.76			1485.3							
085	01022	04.43	35.00	27.76			1485.6							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

N D O C S T A T I D N D A T A

REFID 31	8454	YEAR 1975	80TOP 01650	AIR TEMP 05.8	OIR MGT PER 28 3 2	WIND-DIR 35	INST STD RECORDER	TEM SO 1306
CONSEC 0081		MONTH 04	SHIP EV	WET BULB 03.0		WIND-SPO 10	TRACE DIR	S SQUARE 2
LAT 42 24 N		DAY 24	DATA USE 1	84PCMETR 1017.1	SEA	WIND-FDR	DURATION	2 SQUARE 26
LONG 047 22.8W		MOU# 11.8	AREA 05	CLCUO 7/A	CL/TR	WEATHER A1	DRIG 011 770 14	1 SQUARE 27

CAS	THUM/TIME	LVL	TYPE	DEPTH	TEMP	SAL	SIGMA-T	OTN	OPTM	SNO	VEL	DAYG	PD4	TOT	P	MO2	MO3	S103	PH
	11.8	STO		00000	10.33	34.80	26.76	00.000		1491.3									
		OBS		00001	10.33	34.80	26.76			1491.4									
		STO		00010	10.35	34.80	26.76	00.013		1491.6									
		OBS		00011	10.35	34.81	26.76			1491.6									
		STO		00020	10.65	34.92	26.78	00.026		1493.1									
		OBS		00020	10.73	34.93	26.79			1493.3									
		OBS		00026	11.00	35.03	26.82			1494.5									
		STO		00030	11.76	35.28	26.87	00.038		1497.5									
		OBS		00030	11.81	35.29	26.87			1497.7									
		OBS		00032	11.88	35.24	26.82 *			1497.5									
		OBS		00036	11.02	35.04	26.82			1494.7									
		OBS		00038	11.16	35.16	26.89			1495.4									
		OBS		00041	11.73	35.30	26.89			1497.6									
		OBS		00049	11.70	35.28	26.88			1497.6									
		STO		00050	11.76	35.33	26.91	00.062		1497.6									
		OBS		00051	11.93	35.43	26.95			1498.6									
		OBS		00057	12.36	35.48	26.91 *			1500.2									
		OBS		00059	12.62	35.61	26.96			1501.3									
		OBS		00060	12.64	35.65	26.95			1501.5									
		OBS		00064	12.80	35.60	26.92 *			1502.0									
		STO		00075	12.81	35.60	26.91	00.091		1502.2									
		OBS		00076	12.81	35.60	26.91			1502.2									
		OBS		00087	12.71	35.57	26.91			1502.0									
		OBS		00091	11.83	35.36	26.92			1498.8									
		STO		00100	11.46	35.26	26.91	00.120		1497.5									
		OBS		00100	11.43	35.25	26.91			1497.5									
		STO		00125	11.72	35.41	26.98	00.145		1495.0									
		OBS		00125	11.72	35.41	26.98			1499.1									
		STO		00150	11.79	35.45	27.00	00.177		1495.8									
		OBS		00150	11.79	35.45	27.00			1499.8									
		OBS		00173	11.68	35.45	27.02			1495.8									
		OBS		00177	11.26	35.35	27.02			1498.2									
		OBS		00180	11.18	35.34	27.03			1498.0									
		OBS		00184	10.52	35.21	27.04			1495.6									
		OBS		00190	10.30	35.22	27.09			1494.5									
		OBS		00192	10.59	35.29	27.09			1496.0									
		OBS		00196	10.52	35.24	27.07			1495.8									
		OBS		00198	10.16	35.14	27.05			1494.4									
		STO		00200	10.11	35.13	27.06	00.231		1494.2									
		OBS		00201	10.00	35.13	27.07			1493.9									
		OBS		00205	09.56	35.01	27.05			1492.2									
		OBS		00207	09.35	35.04	27.11			1491.5									
		OBS		00209	09.36	35.01	27.09			1491.5									
		OBS		00211	08.59	34.95	27.10			1490.1									
		OBS		00215	08.53	34.97	27.13			1489.9									
		OBS		00217	10.29	35.30	27.15			1495.4									
		OBS		00224	10.65	35.38	27.15			1496.5									
		OBS		00226	10.56	35.37	27.16			1496.6									
		OBS		00237	10.40	35.36	27.18			1496.2									
		STO		00250	10.17	35.34	27.21	00.281		1495.6									
		OBS		00251	10.15	35.34	27.21			1495.5									
		OBS		00276	09.70	35.26	27.23			1494.2									
		STO		00300	09.14	35.20	27.27	00.326		1492.4									
		OBS		00300	09.13	35.20	27.27			1492.4									
		OBS		00308	09.04	35.19	27.28			1492.2									
		OBS		00350	08.11	35.13	27.38			1489.3									
		OBS		00356	07.89	35.07	27.37			1488.4									
		OBS		00363	07.21	34.94	27.36			1485.8									
		STO		00400	06.62	34.94	27.44	00.405		1484.1									
		OBS		00401	06.60	34.94	27.45			1484.0									
		OBS		00451	06.08	34.95	27.52			1482.8									
		STO		00500	05.92	34.95	27.58	00.470		1483.0									
		OBS		00500	05.91	34.99	27.58			1482.9									
		OBS		00508	05.84	34.96	27.56			1482.7									
		OBS		00517	05.25	34.88	27.57			1480.6									
		OBS		00527	03.83	34.68	27.57			1474.4									
		OBS		00546	03.59	34.77	27.63			1475.5									
		OBS		00555	04.54	34.85	27.63			1478.1									
		STO		00600	05.09	34.98	27.67	00.525		1481.3									
		OBS		00601	05.10	34.98	27.67			1481.3									
		OBS		00651	04.85	34.94	27.67			1481.1									
		STO		00700	04.63	34.96	27.71	00.574		1481.0									
		OBS		00700	04.63	34.96	27.71			1481.0									
		OBS		00750	04.60	34.97	27.72			1481.7									
		STO		00800	04.45	34.97	27.73	00.620		1482.1									
		OBS		00801	04.45	34.97	27.73			1482.1									
		OBS		00850	04.34	34.96	27.74			1482.3									
		STO		00900	04.31	34.97	27.75	00.666		1483.0									
		OBS		00900	04.31	34.97	27.75			1483.0									
		OBS		00951	04.17	34.96	27.76			1483.3									
		STO		01000	04.12	34.96	27.76	00.711		1483.5									
		OBS		01001	04.12	34.96	27.76			1483.9									
		OBS		01045	04.07	34.95	27.76			1484.4									

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

FFID 31 8454	YEAR 1975	BDTDP 03658	AIR TEMP 07.7	DIP HGT PER	WIND-OIA 35	INST STD RECORDER	TEN 50 1306
CONSEC 0082	MONTH 04	SHIP EV	WET BULB 04.2	25 2 3	WIND-SPD 06	TRACE DIR 0	5 SQUARE 2
LAT 42 34.7N	DAY 24	DATA USE 1	BAROMETER 1036.1	SEA	WIND-FDR	DURATION	2 SQUARE 26
LONG 047 41.9W	MOOR 14.5	AREA 05	CLCUD T/A	CL/T/A	WEATHER X1	ORIG 011 771 17	1 SQUARE 27

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	DAYC	PD4	TOT P	MO2	MO3	SIG3	PH
14.5	STD	00000	11.53	35.25	26.92	00.000	1456.2							
	OBS	00001	11.53	35.29	26.92		1456.2							
	STD	00010	11.52	35.31	26.94	00.011	1456.4							
	OBS	00011	11.51	35.31	26.94		1456.4							
	STD	00020	11.45	35.29	26.94	00.023	1456.2							
	OBS	00020	11.44	35.29	26.94		1456.2							
	STD	00030	11.40	35.29	26.95	00.034	1456.3							
	OBS	00030	11.40	35.29	26.95		1456.3							
	STD	00050	11.24	35.24	26.95	00.056	1456.0							
	OBS	00051	11.20	35.23	26.95		1456.0							
	STD	00075	09.95	35.05	27.02	00.064	1451.5							
	OBS	00076	09.89	35.04	27.02		1451.3							
	STD	00079	10.02	35.14	27.08		1492.0							
	OBS	00081	10.50	35.24	27.07		1453.6							
	STD	00100	10.52	35.26	27.06	00.110	1494.2							
	OBS	00100	10.52	35.26	27.06		1454.3							
	STD	00125	10.57	35.28	27.09	00.135	1454.6							
	OBS	00127	10.57	35.28	27.05		1454.5							
	STD	00150	10.45	35.26	27.09	00.161	1455.0							
	OBS	00150	10.45	35.26	27.09		1495.0							
	STD	00156	10.51	35.27	27.05		1455.1							
	OBS	00159	10.74	35.34	27.11		1456.1							
	STD	00173	10.72	35.32	27.09		1496.3							
	OBS	00200	10.40	35.25	27.09	00.212	1455.4							
	STD	00203	10.38	35.24	27.05		1495.4							
	OBS	00213	10.34	35.23	27.05		1455.4							
	STD	00220	05.93	35.14	27.09		1453.5							
	OBS	00224	05.84	35.10	27.08		1493.6							
	STD	00226	05.60	35.06	27.09		1452.7							
	OBS	00250	09.31	35.04	27.12	00.262	1452.0							
	STD	00251	05.23	35.04	27.13		1451.7							
	OBS	00255	08.56	34.96	27.11		1450.7							
	STD	00268	04.06	35.03	27.15		1491.4							
	OBS	00272	08.48	34.94	27.17		1489.1							
	STD	00276	08.36	34.92	27.18		1488.7							
	OBS	00281	08.10	34.84	27.15		1487.7							
	STD	00287	07.32	34.74	27.19		1489.7							
	OBS	00291	06.91	34.67	27.19		1489.0							
	STD	00300	07.08	34.73	27.22	00.310	1483.9							
	OBS	00300	07.09	34.74	27.22		1484.0							
	STD	00316	07.33	34.87	27.29		1485.4							
	OBS	00319	07.94	34.97	27.28		1486.0							
	STD	00323	07.95	34.96	27.27		1486.0							
	OBS	00329	08.63	35.10	27.26		1450.9							
	STD	00350	08.05	35.06	27.33		1488.9							
	OBS	00356	07.56	35.04	27.33		1488.7							
	STD	00359	07.66	34.99	27.34		1487.5							
	OBS	00364	07.48	34.98	27.36		1487.0							
	STD	00371	07.87	35.08	27.36		1488.6							
	OBS	00380	07.97	35.08	27.36		1485.2							
	STD	00384	07.67	35.03	27.37		1488.0							
	OBS	00400	06.59	34.88	27.40	00.393	1483.8							
	STD	00401	06.57	34.86	27.39		1483.6							
	OBS	00407	06.65	34.92	27.42		1484.3							
	STD	00435	05.98	34.57	27.47		1482.0							
	OBS	00441	05.41	34.61	27.50		1479.7							
	STD	00451	05.10	34.78	27.51		1478.6							
	OBS	00468	05.06	34.81	27.54		1478.7							
	STD	00474	05.51	34.90	27.56		1480.6							
	OBS	00500	05.51	34.92	27.57	00.460	1481.2							
	STD	00500	05.51	34.92	27.57		1481.2							
	OBS	00508	05.50	34.92	27.57		1481.3							
	STD	00552	04.81	34.85	27.60		1479.1							
	OBS	00600	04.57	34.54	27.65	00.516	1460.7							
	STD	00601	04.97	34.54	27.65		1460.7							
	OBS	00651	04.85	34.97	27.69		1481.1							
	STD	00700	04.70	34.96	27.70	00.566	1481.3							
	OBS	00700	04.70	34.56	27.70		1481.3							
	STD	00750	04.51	34.95	27.71		1481.3							
	OBS	00800	04.34	34.95	27.73	00.613	1481.4							
	STD	00801	04.34	34.95	27.73		1481.5							
	OBS	00850	04.18	34.94	27.74		1481.6							
	STD	00900	04.06	34.92	27.74	00.655	1481.9							
	OBS	00902	04.06	34.92	27.74		1481.5							
	STD	00951	03.55	34.92	27.75		1482.5							
	OBS	01000	03.88	34.91	27.75	00.704	1482.8							
	STD	01031	03.68	34.91	27.75		1482.8							
	OBS	01016	03.65	34.91	27.75		1483.0							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA														
REFID 31 0454	YEAR 1975	BOTOP 0337c	AIR TEMP 07.5	DIA HGT PER	WIND-DIR 33	LAST STO RECDROER	TEN 10 1306							
CONSEC 0003	MONTH 04	SHIP EV	WET GUL6 05.0	00 0 3	WIND-SPO 05	TRACE CIA	5 SQUARE 2							
LA' 42 48.1N	DAY 24	DATA USE 1	BAROMETR 1036.0	SEA	WIND-FOR	DURATION	2 SQUARE 28							
LONG 048 04 *	NDUR 17.8	AREA 05	CLOUD T/A	CL/TA	WEATHER A4	ORIG 011 772	1 SQUARE 28							
CASTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYMDPTH	SND VEL	DRYG	PO4	TOT P	MO2	MO3	SIG3	PH
17.0	STO	00000	13.86	35.68	26.76	00.000	1504.6							
	085	00005	13.86	35.68	26.76		1504.7							
	STO	00010	13.74	35.70	26.80	00.013	1504.3							
	085	00011	13.71	35.70	26.81		1504.3							
	STO	00020	13.65	35.70	26.81	00.025	1504.4							
	085	00020	13.65	35.70	26.81		1504.4							
	STO	00030	13.24	35.55	26.79	00.038	1502.8							
	085	00030	13.19	35.54	26.79		1502.7							
	085	00034	12.74	35.50	26.85		1501.3							
	085	00049	13.01	35.62	26.85		1502.5							
	STO	00050	13.06	35.66	26.91	00.063	1502.8							
	085	00051	13.26	35.74	26.93		1503.5							
	085	00053	13.47	35.76	26.90 *		1504.3							
	STO	00075	13.15	35.66	26.89	00.092	1503.4							
	085	00076	13.13	35.66	26.90		1503.4							
	STO	00100	12.71	35.60	26.93	00.121	1502.3							
	085	00100	12.68	35.59	26.93		1502.2							
	085	00110	12.32	35.46	26.90 *		1501.0							
	085	00116	11.46	35.26	26.91		1497.8							
	085	00118	11.24	35.19	26.90		1497.0							
	STO	00125	10.98	35.20	26.95	00.150	1496.2							
	085	00125	10.96	35.20	26.96		1496.1							
	085	00137	10.70	35.22	27.02		1495.4							
	085	00140	11.22	35.33	27.01		1497.5							
	085	00142	10.74	35.20	27.00		1495.6							
	STO	00150	10.45	35.13	26.99	00.176	1494.6							
	085	00150	10.44	35.13	27.00		1494.6							
	085	00156	10.36	35.17	27.04		1494.5							
	085	00158	09.93	35.02	27.00 *		1492.7							
	085	00175	09.87	35.07	27.05		1492.9							
	STO	00200	09.29	34.56	27.08	00.232	1491.0							
	085	00201	09.25	34.58	27.08		1490.9							
	085	00224	08.82	34.54	27.12		1489.6							
	085	00230	08.45	34.83	27.09 *		1488.2							
	085	00241	08.03	34.78	27.12		1486.7							
	085	00247	08.23	34.85	27.14		1487.7							
	STO	00250	07.71	34.72	27.11 *	00.283	1485.6							
	085	00251	07.49	34.66	27.10		1484.6							
	085	00268	07.26	34.69	27.16		1484.1							
	085	00272	07.60	34.76	27.16		1485.6							
	085	00276	07.64	34.77	27.17		1485.8							
	085	00279	07.62	34.78	27.18		1485.8							
	085	00287	07.58	34.84	27.17		1487.4							
	085	00293	07.57	34.79	27.19		1485.8							
	STO	00300	07.53	34.80	27.20	00.331	1485.8							
	085	00300	07.53	34.80	27.21		1485.8							
	085	00312	07.58	34.89	27.21		1487.8							
	085	00317	08.11	34.55	27.24		1488.5							
	085	00327	07.46	34.79 P	27.210*									
	085	00340	07.59	34.52	27.29		1486.8							
	085	00346	07.99	34.59	27.29		1486.6							
	085	00354	07.96	34.96	27.27		1488.5							
	085	00367	08.21	35.07	27.32		1489.8							
	085	00375	08.12	35.06	27.32		1489.6							
	085	00380	07.69	34.58	27.32		1488.0							
	085	00395	07.08	34.93	27.37		1485.8							
	STO	00400	07.04	34.54	27.38	00.415	1485.7							
	085	00401	07.03	34.54	27.39		1485.7							
	085	00443	06.60	34.93	27.44		1484.7							
	085	00449	06.26	34.85	27.42		1483.3							
	085	00451	06.12	34.87	27.46		1482.8							
	085	00454	06.01	34.86	27.46		1482.4							
	085	00460	06.49	34.99	27.50		1484.6							
	085	00468	06.28	34.54	27.49		1483.8							
	085	00474	05.96	34.87	27.48		1482.5							
	085	00479	05.06	34.74	27.48		1478.8							
	085	00481	04.88	34.71	27.48		1478.1							
	085	00489	03.95	34.64	27.53		1474.2							
	STO	00500	03.51	34.64	27.53	00.484	1474.2							
	085	00500	03.91	34.84	27.53		1474.2							
	085	00519	05.33	34.92	27.59		1480.8							
	085	00527	05.02	34.86	27.58		1475.6							
	085	00550	05.10	34.94	27.64		1480.4							
	085	00561	05.42 P	34.96	27.610*									
	STO	00600	04.92	34.92	27.64	00.541	1480.5							
	085	00601	04.52	34.52	27.64		1480.5							
	085	00651	04.83	34.94	27.67		1481.0							
	STO	00700	04.70	34.56	27.70	00.592	1481.3							
	085	00700	04.70	34.56	27.70		1481.3							
	085	00751	04.61	34.57	27.72		1481.8							
	STO	00800	04.54	34.57	27.73	00.639	1482.3							
	085	00801	04.54	34.57	27.73		1482.3							
	085	00850	04.40	34.96	27.73		1482.5							
	STO	00900	04.22	34.95	27.74	00.685	1482.6							
	085	00900	04.22	34.95	27.74		1482.6							
	085	00951	04.25	34.96	27.75		1483.6							
	STO	01000	04.21	34.96	27.75	00.731	1484.2							
	085	01010	04.20	34.96	27.75		1484.4							
	085	01020	04.22	34.97	27.76		1484.6							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOD STATION DATA

ESFID 31 8454	YEAR 1975	BOTOP 02688	AIR TEMP 05.1	DIR HGT PER	WIND-DIR 00	INST STC RECORDER	TEN SO 1306
CONSEC 0384	MONTH 04	SHIP EV	WET BULB 03.0	3G 0 3	WIND-SPD 00	TRACE DIR 0	5 SQUARE 2
LA 43 03.84	DAY 24	DATA USE 1	BAROMETR 1036.1	SEA	WIND-FDR	DURATION 00.1	2 SQUARE 28
LONG 048 24.80	MOOR 20.8	AREA 05	CLOUD T/4	CL/TR	WEATHER A1	ORIG 011 773 75	1 SQUARE 36

CASNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DTM/HTM	SND VEL	DAYG	PO4	TOT P	MO2	MO3	SIO3	PH
	STD	00000	05.83	33.38	26.32	00.000	1472.2							
20.8	DBS	00001	05.83	33.38	26.32		1472.3							
	STD	00010	05.68	33.38	26.34	00.017	1471.8							
	DBS	00011	05.63	33.38	26.34		1471.6							
	DBS	00019	05.29	33.35	26.36		1470.3							
	STD	00020	05.12	33.37	26.39	00.034	1469.7							
	DBS	00020	04.55	33.37	26.41		1469.0							
	DBS	00024	03.97	33.24	26.41		1468.8							
	DBS	00026	03.77	33.31	26.45		1468.0							
	STD	00030	05.74	33.74	26.61	00.045	1472.9							
	DBS	00030	06.03	35.60	26.62		1474.1							
	DBS	00032	07.11	34.04	26.67		1476.8							
	DBS	00036	07.42	34.08	26.66		1480.1							
	DBS	00043	07.17	34.10	26.71		1479.2							
	DBS	00043	06.64	34.10	26.78		1477.2							
	DBS	00045	07.16	34.17	26.76		1475.4							
	STD	00050	07.31	34.22	26.78	00.077	1480.1							
	DBS	00051	07.69	34.34	26.82		1481.7							
	DBS	00064	07.38	34.41	26.92		1480.8							
	DBS	00066	07.58	34.48	26.95		1481.7							
	DBS	00068	08.06	34.57	26.95		1483.7							
	DBS	00072	08.31	34.65	26.97		1484.8							
	STD	00075	09.55	34.58	27.03	00.106	1489.9							
	DBS	00078	10.19	35.11	27.02		1492.5							
	DBS	00079	10.20	35.06	26.98	*	1492.5							
	DBS	00081	09.85	35.02	27.01		1491.2							
	DBS	00083	09.84	35.05	27.04		1491.2							
	DBS	00087	10.18	35.11	27.03		1492.6							
	DBS	00085	10.03	35.05	27.01		1492.0							
	DBS	00093	09.56	34.99	27.04		1490.3							
	DBS	00097	09.36	34.94	27.03		1489.6							
	STD	00100	08.78	34.75	26.98	00.133	1487.2							
	DBS	00100	08.55	34.72	26.99	*	1486.3							
	DBS	00102	07.98	34.70	27.06		1484.1							
	STD	00125	08.35	34.88	27.14	00.158	1488.1							
	DBS	00125	08.36	34.88	27.14		1486.2							
	DBS	00133	08.22	34.80	27.10	*	1485.7							
	DBS	00135	07.82	34.74	27.12		1484.1							
	STD	00150	06.75	34.62	27.18	00.182	1480.0							
	DBS	00150	06.73	34.62	27.18		1480.0							
	DBS	00156	06.42	34.58	27.19		1478.8							
	DBS	00163	06.34	34.57	27.19		1478.6							
	DBS	00165	06.05	34.50	27.17		1477.4							
	DBS	00175	06.47	34.64	27.23		1479.4							
	DBS	00178	06.47	34.67	27.25		1475.5							
	DBS	00184	03.53	34.24	27.25		1466.9							
	STD	00200	02.45	34.15	27.31	00.225	1462.4							
	DBS	00201	02.39	34.18	27.31		1462.2							
	DBS	00215	02.41	34.26	27.37		1462.6							
	DBS	00218	03.40	34.36	27.36		1467.1							
	DBS	00228	03.75	34.43	27.38		1468.8							
	DBS	00247	03.68	34.46	27.39		1469.7							
	STD	00250	03.62	34.43	27.39	00.262	1468.6							
	DBS	00257	02.83	34.36	27.41		1465.2							
	DBS	00267	02.10	34.32	27.44		1462.1							
	DBS	00270	01.51	34.32	27.46		1461.4							
	DBS	00276	02.01	34.34	27.46		1461.9							
	DBS	00251	02.39	34.44	27.51		1464.0							
	STD	00300	03.10	34.55	27.54	00.295	1467.4							
	DBS	00300	03.16	34.56	27.54		1467.6							
	DBS	00350	04.15	34.76	27.60		1472.9							
	DBS	00371	04.18	34.76	27.60		1473.4							
	DBS	00376	03.86	34.72	27.60		1472.1							
	STD	00400	04.21	34.80	27.63	00.345	1474.1							
	DBS	00401	04.24	34.81	27.63		1474.2							
	DBS	00451	05.11	34.57	27.66		1478.9							
	STD	00500	04.55	34.57	27.68	00.395	1479.0							
	DBS	00500	04.95	34.57	27.68		1479.0							
	DBS	00550	04.55	34.98	27.66		1480.0							
	STD	00600	04.82	34.98	27.70	00.447	1480.1							
	DBS	00603	04.61	34.98	27.70		1480.2							
	DBS	00652	04.67	34.98	27.72		1480.4							
	STD	00700	04.60	34.98	27.73	00.493	1480.9							
	DBS	00700	04.60	34.98	27.73		1480.9							
	DBS	00750	04.70	35.02	27.75		1482.2							
	STD	00800	04.65	35.01	27.75	00.538	1482.8							
	DBS	00803	04.64	35.01	27.75		1482.8							
	DBS	00850	04.33	34.98	27.76		1482.3							
	STD	00900	04.29	34.98	27.76	00.583	1482.9							
	DBS	00900	04.29	34.98	27.76		1482.9							
	DBS	00955	04.24	34.57	27.76		1483.6							
	STD	01000	04.08	34.96	27.77	00.627	1483.7							
	DBS	01001	04.08	34.96	27.77		1483.7							
	DBS	01018	04.04	34.55	27.76		1483.8							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

N C C C S T A T I C A D A T A

REFID 31	8454	YEAR 1975	BOTOP 02067	AIR TEMP 02.8	DIA PCT PER	WIND-DIR 28	INST STD RECORDER	TEN SQ 1306
CONSEC 0085		MONTH 04	SHIP EV	WET BULB 01.9	31 1 2	WIND-SPO 02	TAACE DIR 0	5 SQUARE 2
LAT 43 15.2N		DAY 24	DATA USE 1	BAROMETER 1031.2	SEA	WIND-FOR	DUBATICA 00.5	2 SQUARE 28
LONG 048 46 W		HOUR 23.4	AREA 05	CLOUD T/A	CL/TR	WEATHER 30	ORIG 011 774	1 SQUARE 38

CASNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SND VEL	OXYG	PO4	TOT P	MO2	MO3	S103	PH
23.4	STO	CC0000	04.00	33.33	26.48	00.000	1464.6							
	OBS	00001	04.00	33.33	26.48		1464.6							
	OBS	00005	03.55	33.29	26.45		1464.4							
	OBS	00007	03.55	33.25	26.46		1462.9							
	STO	00010	03.44	33.30	26.51	00.015	1462.4							
	OBS	00011	03.39	33.33	26.54		1462.2							
	STO	00020	03.48	33.45	26.63	00.030	1462.5							
	OBS	00020	03.62	33.51	26.66		1463.6							
	OBS	00024	04.47	33.84	26.84		1467.7							
	OBS	00028	04.60	33.83	26.82		1468.3							
	STO	00030	04.47	33.79	26.80	00.044	1467.7							
	OBS	00030	04.41	33.75	26.80		1467.5							
	OBS	00032	04.10	33.82	26.86		1466.2							
	OBS	00036	03.91	33.80	26.86		1465.5							
	OBS	00041	03.04	33.80	26.95		1461.8							
	OBS	00043	03.23	33.87	26.99		1462.8							
	OBS	00049	03.13	33.92	27.03		1462.5							
	STO	00050	03.23	33.94	27.04	00.066	1463.0							
	OBS	00051	03.41	33.98	27.06		1463.8							
	OBS	00055	03.20	33.96	27.01		1462.5							
	OBS	00068	03.40	33.96	27.04		1464.0							
	OBS	00072	02.61	33.85	27.02		1460.5							
	OBS	00074	02.41	33.83	27.02		1459.7							
	STO	00075	02.23	33.85	27.05	00.092	1458.5							
	OBS	00076	02.02	33.86	27.08		1458.0							
	OBS	00078	01.80	33.86	27.10		1457.1							
	OBS	00087	01.86	33.92	27.14		1457.6							
	OBS	00089	01.59	33.89	27.14		1456.4							
	OBS	00091	01.59	33.96	27.19		1456.5							
	OBS	00097	02.11	33.99	27.18		1459.0							
	OBS	00099	01.64	33.93	27.16		1456.8							
	STO	00100	01.60	33.93	27.17	00.116	1456.7							
	OBS	00102	01.51	33.94	27.18		1456.3							
	OBS	00106	01.42	33.96	27.20		1456.0							
	OBS	00114	01.50	34.00	27.23		1456.6							
	OBS	00116	01.84	34.12	27.30		1458.3							
	OBS	00118	02.43	34.20	27.32		1461.0							
	OBS	00123	02.49	34.20	27.30		1462.2							
	STO	00125	02.85	34.23	27.30	00.137	1463.0							
	OBS	00125	02.52	34.24	27.31		1463.3							
	OBS	00135	03.14	34.25	27.30		1464.4							
	STO	00150	02.79	34.26	27.33	00.157	1463.2							
	OBS	00150	02.79	34.26	27.34		1463.2							
	OBS	00156	02.84	34.34	27.35		1463.6							
	OBS	00175	04.00	34.52	27.43		1465.1							
	OBS	00180	04.35	34.61	27.46		1470.8							
	OBS	00182	04.71	34.62	27.46		1472.4							
	OBS	00188	05.01	34.67	27.43		1473.7							
	STO	00200	04.77	34.67	27.46	00.192	1472.5							
	OBS	00201	04.74	34.67	27.47		1472.8							
	OBS	00209	04.68	34.68	27.48		1472.6							
	OBS	00226	04.83	34.72	27.45		1473.7							
	STO	00250	04.63	34.75	27.54	00.223	1473.3							
	OBS	00251	04.63	34.75	27.54		1473.3							
	OBS	00276	04.67	34.77	27.55		1473.5							
	STO	00300	04.33	34.77	27.59	00.251	1472.5							
	OBS	00300	04.32	34.77	27.59		1472.8							
	OBS	00350	04.63	34.86	27.63		1475.1							
	STO	00400	04.36	34.88	27.67	00.301	1474.8							
	OBS	00401	04.35	34.88	27.67		1474.8							
	OBS	00451	04.13	34.86	27.68		1474.6							
	STO	00500	04.37	34.91	27.70	00.348	1476.5							
	OBS	00500	04.37	34.91	27.70		1476.5							
	OBS	00550	04.29	34.93	27.72		1477.0							
	STO	00600	04.22	34.93	27.73	00.393	1477.6							
	OBS	00601	04.22	34.93	27.73		1477.6							
	OBS	00651	04.22	34.93	27.73		1478.4							
	STO	00700	04.11	34.92	27.73	00.437	1478.8							
	OBS	00700	04.11	34.92	27.73		1478.8							
	OBS	00750	03.98	34.91	27.74		1479.0							
	OBS	00761	04.06	34.93	27.75		1479.6							
	OBS	00763	04.08	34.93	27.74		1475.7							
	OBS	00765	04.06	34.93	27.75		1475.7							
	STO	00800	04.09	34.94	27.75	00.481	1480.4							
	OBS	00801	04.09	34.94	27.75		1480.4							
	OBS	00850	04.01	34.92	27.74		1480.5							
	STO	00900	03.53	34.93	27.76	00.524	1481.4							
	OBS	00900	03.53	34.93	27.76		1481.4							
	OBS	00951	03.90	34.93	27.76		1482.1							
	STO	01000	03.88	34.93	27.76	00.568	1482.8							
	OBS	01001	03.88	34.93	27.76		1482.8							
	OBS	01020	03.87	34.93	27.77		1483.1							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

FFID	SI	0454	YEAR	1975	80TOP	01833	AIR TEMP	00.9	OIR	PCT	PER	WIND-DIR	00	INST	STO	RECORDER	TEN	SG	1306	
CONSEC		0086	MONTH	04	SHIP	EV	WET	BULB	00.5	00	0	X	WIND-SPD	00	TRACE	OIR	0	5	SQUARE	2
LAT		43 21.7N	DAY	25	DATA	USE	BAROMETR	1038.3	SEA			WIND-FOR		DURATICA		00.5	2	SQUARE	28	
LCNG		049 03 W	MOOR	02.3	AREA	05	CLCUO	T/A	CL/TP			WEATHER	X0	ORIG	011	775	1	SQUARE	39	

CAST/NO./TIME	LVL/TP	DEPTH	TEMP	SAL	SIGMA-T	GYM/DPTH	SND VEL	ORYG	PO4	TOT P	NO2	NO3	S103	PH
02.3	STO	00000	00.43	32.83	26.36	00.000	1448.2							
	OBS	00001	00.43	32.83	26.36		1448.3							
	OBS	00003	00.17	32.87	26.40		1447.2							
	STO	00010	00.02	32.88	26.42	00.016	1446.6							
	OBS	00011	- 0.01	32.88	26.42		1446.5							
	STO	00020	- 0.18	32.90	26.44	00.033	1445.9							
	OBS	00020	- 0.20	32.90	26.44		1445.8							
	STO	00030	- 0.49	32.91	26.46	00.048	1444.6							
	OBS	00030	- 0.50	32.91	26.46		1444.6							
	STO	00050	- 0.66	32.98	26.53	00.075	1444.2							
	OBS	00051	- 0.71	32.99	26.54		1444.1							
	OBS	00053	- 0.78	32.96	26.52		1443.7							
	OBS	00055	- 1.06	33.18	26.70		1442.8							
	STO	00075	- 1.04	33.22	26.73	00.115	1443.2							
	OBS	00084	- 1.03	33.24	26.75		1443.5							
	OBS	00087	- 1.24	33.36	26.85		1442.7							
	STO	00100	- 0.79	33.45	26.91	00.145	1445.1							
	OBS	00100	- 0.76	33.46	26.92		1445.3							
	STO	00125	00.19	33.67	27.05	00.172	1450.4							
	OBS	00125	00.20	33.68	27.05		1450.4							
	OBS	00133	00.26	33.76	27.11		1451.0							
	OBS	00144	00.26	33.88	27.21		1451.3							
	OBS	00148	00.57	33.92	27.23		1452.6							
	STO	00150	00.65	33.98	27.27	00.195	1453.3							
	OBS	00150	00.67	33.99	27.28		1453.4							
	OBS	00175	01.21	34.12	27.35		1456.4							
	STO	00200	01.26	34.21	27.42	00.233	1457.2							
	OBS	00201	01.26	34.22	27.42		1457.2							
	OBS	00209	01.64	34.25	27.42		1459.1							
	OBS	00217	02.21	34.33	27.44		1461.8							
	OBS	00228	01.57	34.31	27.47		1459.2							
	STO	00250	01.87	34.37	27.51	00.264	1460.1							
	OBS	00251	01.88	34.37	27.51		1460.1							
	OBS	00268	01.80	34.40	27.53		1461.0							
	OBS	00270	01.50	34.41	27.56		1459.7							
	OBS	00272	01.82	34.42	27.54		1461.2							
	OBS	00276	01.82	34.41	27.53		1461.2							
	STO	00300	01.87	34.44	27.55	00.293	1461.9							
	OBS	00300	01.87	34.44	27.56		1461.9							
	OBS	00323	01.87	34.48	27.59		1462.3							
	OBS	00329	02.32	34.55	27.61		1464.5							
	OBS	00350	02.61	34.61	27.63		1466.2							
	OBS	00352	02.70	34.62	27.63		1466.6							
	OBS	00357	02.90	34.63	27.62		1467.6							
	OBS	00356	03.13	34.68	27.64		1468.7							
	OBS	00367	03.55	34.77	27.63		1472.4							
	STO	00400	04.07	34.86	27.69	00.343	1473.5							
	OBS	00401	04.08	34.86	27.69		1473.6							
	OBS	00453	04.65	34.95	27.69		1477.1							
	STO	00500	04.66	34.94	27.69	00.390	1477.8							
	OBS	00500	04.65	34.94	27.69		1477.7							
	OBS	00506	04.50	34.91	27.68		1477.2							
	OBS	00550	04.36	34.94	27.72		1477.4							
	STO	00600	04.27	34.92	27.72	00.436	1477.8							
	OBS	00601	04.27	34.92	27.72		1477.8							
	OBS	00651	04.04	34.89	27.72		1477.6							
	STO	00700	03.95	34.91	27.74	00.480	1478.1							
	OBS	00700	03.95	34.91	27.74		1478.1							
	OBS	00751	04.13	34.94	27.75		1479.7							
	STO	00800	04.06	34.93	27.75	00.523	1480.2							
	OBS	00801	04.06	34.93	27.75		1480.3							
	OBS	00835	03.95	34.92	27.75		1480.4							
	OBS	00837	03.95	34.92	27.75		1480.4							
	OBS	00839	03.93	34.92	27.75		1480.3							
	OBS	00852	03.94	34.92	27.75		1480.6							
	STO	00900	03.57	34.88	27.76	00.567	1479.8							
	OBS	00900	03.57	34.88	27.76		1479.8							
	OBS	00951	03.59	34.88	27.75		1480.7							
	STO	01000	03.56	34.87	27.75	00.610	1481.4							
	OBS	01003	03.56	34.87	27.75		1481.4							
	OBS	01018	03.57	34.88	27.76		1481.7							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

NOOC STATION DATA

REFID 31 8454 YEAR 1975 BCTOP 00366 AIR TEMP 00.3 DIR HGT PER WIND-DIR 00 INST STO RECORDER TEN SW 1306
 CONSEC 0387 MONTH 04 SHIP EV WET BULB 00.1 00 C X WIND-SPC 00 TRACE DIR 0 5 SQUARE 2
 LAT 43 33 N DAY 25 DATA USE 1 BAROMETER 1035.7 SEA WIND-FDR DURATION 00.1 2 SQUARE 28
 LONG 049 18.2 W HOUR 05.2 AREA 05 CLOUD T/A CL/TR WEATHER AO DRIG 011 776 1 SQUARE 35

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDP7H	SND VEL	DRYG	PD4	TOT R	NO2	NO3	SIO3	PH
05.2	STO	00000	00.28	32.52	26.44	00.000	1447.7							
05.2	OBS	00001	00.28	32.52	26.44		1447.7							
05.2	STO	00010	00.19	32.91	26.43	00.016	1447.4							
05.2	OBS	00011	00.16	32.91	26.44		1447.3							
05.2	STO	00020	- 0.10	32.91	26.45	00.032	1446.3							
05.2	OBS	00020	- 0.12	32.91	26.45		1446.2							
05.2	STO	00030	- 0.20	32.91	26.45	00.04E	1446.0							
05.2	OBS	00030	- 0.26	32.92	26.46		1445.7							
05.2	OBS	00032	- 0.53	32.55	26.50		1444.5							
05.2	OBS	00040	- 0.71	33.00	26.54		1443.9							
05.2	STO	00050	- 1.10	33.12	26.65	00.078	1442.4							
05.2	OBS	00051	- 1.14	33.13	26.66		1442.2							
05.2	STO	00075	- 1.21	33.19	26.71	00.112	1442.4							
05.2	OBS	00076	- 1.21	33.19	26.72		1442.4							
05.2	STO	00100	- 1.30	33.23	26.75	00.145	1442.5							
05.2	OBS	00100	- 1.30	33.23	26.75		1442.5							
05.2	OBS	00106	- 1.33	33.25	26.77		1442.4							
05.2	STO	00125	- 1.32	33.29	26.80	00.177	1442.8							
05.2	OBS	00125	- 1.32	33.29	26.80		1442.9							
05.2	STO	00150	- 1.26	33.36	26.85	00.207	1443.6							
05.2	OBS	00150	- 1.26	33.36	26.85		1443.6							
05.2	OBS	00175	- 1.15	33.41	26.89		1444.6							
05.2	STO	00200	- 1.01	33.47	26.94	00.265	1445.8							
05.2	OBS	00201	- 0.98	33.48	26.94		1446.0							
05.2	OBS	00215	- 0.71	33.52	26.96		1447.5							
05.2	OBS	00226	- 0.06	33.68	27.07		1450.9							
05.2	STO	00250	00.43	33.81	27.14	00.316	1453.7							
05.2	OBS	00251	00.45	33.81	27.14		1453.8							
05.2	OBS	00277	00.48	33.84	27.17		1454.5							
05.2	OBS	00279	00.60	34.03	27.31		1455.3							
05.2	OBS	00283	00.98	34.12	27.36		1457.2							
05.2	OBS	00287	01.41	34.20	27.40		1456.3							
05.2	STO	00300	01.70	34.27	27.43	00.356	1460.9							
05.2	OBS	00300	01.71	34.27	27.43		1460.9							
05.2	OBS	00304	01.76	34.27	27.43		1461.2							
05.2	OBS	00308	01.78	34.30	27.45		1461.4							
05.2	OBS	00310	01.88	34.31	27.45		1461.9							
05.2	OBS	00342	02.21	34.41	27.50		1464.0							

REFID 31 8454 YEAR 1975 BCTOP 00120 AIR TEMP 00.9 DIR HGT PER WIND-DIR 00 INST STO RECORDER TEN SW 1306
 CONSEC 0088 MONTH 04 SHIP EV WET BULB 00.5 00 C X WIND-SPC 00 TRACE DIR 0 5 SQUARE 2
 LAT 43 33 N DAY 25 DATA USE 1 BAROMETER 1036.5 SEA WIND-FDR DURATION 00.0 2 SQUARE 28
 LONG 049 21 W HOUR 06.0 AREA 05 CLOUD T/A CL/TR WEATHER AO DRIG 011 777 1 SQUARE 35

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDP7H	SND VEL	DRYG	PD4	TOT P	NO2	NO3	SIO3	PH
06.0	STO	00000	01.42	32.91	26.36	00.000	1452.8							
06.0	OBS	00001	01.42	32.91	26.36		1452.9							
06.0	OBS	00003	01.42	32.90	26.35		1452.5							
06.0	STO	00010	00.95	32.89	26.37	00.017	1450.9							
06.0	OBS	00011	00.89	32.88	26.37		1450.6							
06.0	OBS	00013	00.83	32.87	26.37		1450.3							
06.0	STO	00020	00.42	32.94	26.44	00.033	1448.7							
06.0	OBS	00020	00.36	32.94	26.45		1448.4							
06.0	OBS	00024	00.10	32.95	26.47		1447.3							
06.0	STO	00030	00.04	32.99	26.50	00.049	1447.2							
06.0	OBS	00030	00.03	32.99	26.51		1447.1							
06.0	STO	00050	- 0.32	33.04	26.56	00.079	1445.9							
06.0	OBS	00051	- 0.35	33.04	26.56		1445.8							
06.0	OBS	00053	- 0.34	33.03	26.55		1445.9							
06.0	OBS	00055	- 0.36	33.04	26.56		1445.8							
06.0	OBS	00059	- 0.56	33.05	26.58		1445.0							
06.0	STO	00075	- 0.92	33.14	26.67	00.115	1443.7							
06.0	OBS	00076	- 0.94	33.15	26.67		1443.6							
06.0	STO	00100	- 1.12	33.30	26.80	00.147	1443.4							
06.0	OBS	00100	- 1.12	33.31	26.81		1443.4							
06.0	OBS	00108	- 1.15	33.38	26.87		1443.5							
06.0	OBS	00112	- 1.10	33.42	26.90		1443.8							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOODC STATION DATA

REFID 31 8434	YEAR 1975	BDTOP 00055	AIR TEMP 01.4	DIR HGT PER	WIND-DIR 14	INST STO RECORDER	TEN SO 1306
CONSEC 0009	MONTH 04	SHIP EV	WET BULB 00.9	00 0 X	WIND-SPD 05	TRACE DIR 0	5 SQUARE 2
LAT 43 38 N	DAY 25	DATA USE 1	BAROMETER 1031.9	SEA	WIND-FOR	DURATION 00.0	2 SQUARE 28
LONG 049 30 W	MOOR 06.9	AREA 05	CLOUD T/A	CL/TR	WEATHER X0	DRG 011 778	1 SQUARE 39

CASINUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNC VEL	ORYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STO	00000	01.75	32.84	26.28	00.000	1454.2							
06.9	DBS	00001	01.75	32.84	26.28		1454.2							
	DBS	00003	01.75	32.84	26.28		1454.3							
	STO	00010	01.75	32.84	26.28	00.017	1454.4							
	DBS	00011	01.75	32.84	26.28		1454.4							
	DBS	00013	01.69	32.81	26.26		1454.1							
	STO	00020	01.40	32.85	26.31	00.035	1453.0							
	DBS	00020	01.31	32.86	26.33		1452.6							
	DBS	00022	01.08	32.89	26.37		1451.6							
	STO	00030	00.64	32.96	26.45	00.051	1446.6							
	DBS	00030	00.60	32.97	26.46		1449.7							
	DBS	00034	00.29	33.01	26.51		1448.4							
	DBS	00040	00.16	33.02	26.52		1447.9							
	DBS	00049	- 0.01	33.06	26.56		1447.4							
	STO	00050	- 0.00	33.06	26.56	00.082	1447.4							
	DBS	00051	00.01	33.08	26.56		1447.5							
	DBS	00055	00.01	33.06	26.56		1447.6							

REFID 31 8434	YEAR 1975	BDTOP 00060	AIR TEMP 01.1	DIR HGT PER	WIND-DIR 12	INST STO RECORDER	TEN SO 1306
CONSEC 0090	MONTH 04	SHIP EV	WET BULB 00.9	00 0 X	WIND-SPD 05	TRACE DIR C	5 SQUARE 2
LAT 43 43 N	DAY 25	DATA USE 1	BAROMETER 1030.8	SEA	WIND-FOR	DURATION 00.0	2 SQUARE 28
LONG 049 33 W	MOOR 07.9	AREA 05	CLOUD T/A	CL/TR	WEATHER X0	DRG 011 779	1 SQUARE 35

CASINUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNC VEL	ORYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STO	00000	01.98	32.72	26.17	00.000	1455.1							
07.9	DBS	00001	01.98	32.72	26.17		1455.1							
	DBS	00003	01.56	32.71	26.17		1455.0							
	STO	00010	01.90	32.76	26.21	00.018	1454.9							
	DBS	00011	01.89	32.78	26.23		1454.9							
	DBS	00013	01.49	32.82	26.29		1453.2							
	STO	00020	00.96	32.93	26.41	00.036	1451.1							
	DBS	00020	00.90	32.94	26.42		1450.6							
	STO	00030	00.52	32.97	26.46	00.052	1449.3							
	DBS	00030	00.51	32.97	26.47		1449.3							
	DBS	00038	00.46	32.97	26.47		1449.2							
	DBS	00049	00.46	32.97	26.47		1449.4							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOCC STATION DATA

REFID 31 8463	YEAR 1975	BCTOP 00259	AIR TEMP 03.8	OIR HGT PER 33 5 4	WIND-OIR 33	INST STO RECORDER	TEN SQ 1306
CONSEC 0001	MONTH 05	SHIP EV	NET BULB 02.7	SEA 33 5 4	WIND-SPD 23	TRACE CIR 0	5 SQUARE 2
LA 43 45.04	DAY 26	DATA USE 1	BAROMETER 1012.3	CL 7R	WIND-FOR	DURATION 00.3	2 SQUARE 26
LONG 045 12.04	MOOR 05.0	AREA 05	CLOUD T/A		WEATHER X2	CRIG 011 780	1 SQUARE 39

CASNUM/TIME	LVLTY	DEPTH	TEMP	SAL	SIGMA-T	CYNOPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SI03	PH
05.0	STO	00000	00.52	32.86	26.38	00.000	1448.7							
	OBS	00003	00.52	32.86	26.38		1448.8							
	STO	00010	00.53	32.86	26.38	00.017	1448.5							
	OBS	00011	00.53	32.86	26.38		1448.5							
	OBS	00015	00.54	32.85	26.37		1448.0							
	STO	00020	00.53	32.85	26.37	00.033	1449.1							
	OBS	00020	00.53	32.86	26.38		1449.1							
	STO	00030	00.51	32.86	26.38	00.050	1449.2							
	OBS	00030	00.51	32.86	26.38		1449.2							
	STO	00050	00.23	32.87	26.40	00.083	1448.2							
	OBS	00051	00.13	32.88	26.41		1447.8							
	OBS	00064	- 1.35	33.08	26.63		1441.4							
	OBS	00068	- 0.66	33.17	26.68		1444.8							
	STO	00075	- 0.71	33.17	26.68	00.120	1444.7							
	OBS	00076	- 0.72	33.17	26.68		1444.7							
	STO	00100	- 1.05	33.17	26.69	00.154	1443.5							
	OBS	00100	- 1.06	33.17	26.69		1443.5							
	STO	00125	- 0.65	33.23	26.73	00.188	1445.5							
	OBS	00125	- 0.65	33.23	26.73		1445.9							
	STO	00150	- 0.68	33.28	26.77	00.220	1446.2							
	OBS	00150	- 0.68	33.28	26.77		1446.2							
	OBS	00175	- 1.06	33.29	26.79		1444.5							
	STO	00200	- 0.64	33.45	26.50	00.281	1447.5							
	OBS	00201	- 0.61	33.46	26.91		1447.7							
	OBS	00230	- 0.30	33.62	27.03		1445.8							
	OBS	00237	00.11	33.69	27.07		1451.9							
	OBS	00247	00.18	33.73	27.05		1452.4							

REFID 31 8463	YEAR 1975	BCTOP 00259	AIR TEMP 00.9	OIR HGT PER 29 3 4	WIND-OIR 29	INST STO RECORDER	TEN SQ 1306
CONSEC 0002	MONTH 05	SHIP EV	NET BULB 00.4	SEA 29 3 4	WIND-SPD 12	TRACE CIR 0	5 SQUARE 2
LA 43 47.54	DAY 26	DATA USE 1	BAROMETER 1014.9	CL 7R	WIND-FOR	DURATION 00.2	2 SQUARE 28
LONG 045 06.04	MOOR 06.5	AREA 05	CLOUD T/A		WEATHER X2	CRIG 011 781	1 SQUARE 39

CASNUM/TIME	LVLTY	DEPTH	TEMP	SAL	SIGMA-T	CYNOPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SI03	PH
06.5	STO	00000	00.77	32.90	26.35	00.000	1449.9							
	OBS	00001	00.77	32.90	26.35		1449.5							
	STO	00010	00.81	32.90	26.39	00.016	1450.2							
	OBS	00011	00.81	32.90	26.39		1450.3							
	STO	00020	00.81	32.90	26.39	00.033	1450.4							
	OBS	00020	00.81	32.90	26.39		1450.4							
	STO	00030	00.82	32.90	26.39	00.045	1450.6							
	OBS	00034	00.82	32.90	26.39		1450.7							
	STO	00050	00.76	32.90	26.40	00.082	1450.7							
	OBS	00051	00.74	32.90	26.40		1450.6							
	OBS	00055	00.68	32.87	26.38		1450.3							
	OBS	00068	00.41	32.90	26.41		1449.4							
	OBS	00072	00.18	32.90	26.43		1449.4							
	STO	00075	00.17	32.51	26.43	00.123	1448.4							
	OBS	00078	00.15	32.53	26.45		1448.4							
	OBS	00087	- 0.61	33.07	26.61		1444.3							
	OBS	00091	- 0.75	33.20	26.71		1444.8							
	OBS	00097	- 1.07	33.21	26.73		1443.4							
	STO	00100	- 1.13	33.25	26.76	00.159	1443.3							
	OBS	00102	- 1.17	33.25	26.75		1443.2							
	STO	00125	- 0.96	33.38	26.86	00.190	1444.7							
	OBS	00125	- 0.95	33.36	26.86		1444.7							
	OBS	00146	- 0.76	33.46	26.92		1446.1							
	STO	00150	- 0.63	33.48	26.93	00.219	1446.7							
	OBS	00154	- 0.49	33.52	26.56		1447.5							
	OBS	00169	- 0.66	33.75	27.12		1450.1							
	OBS	00175	00.20	33.74	27.10		1451.3							
	STO	00200	00.33	33.75	27.13	00.270	1452.4							
	OBS	00203	00.36	33.80	27.14		1452.6							
	OBS	00226	00.60	33.85	27.20		1454.2							
	STO	00250	00.76	33.95	27.24	00.315	1455.4							
	OBS	00255	00.79	33.56	27.24		1455.6							
	OBS	00274	00.89	34.00	27.27		1456.5							
	OBS	00279	01.25	34.21	27.41		1458.6							
	OBS	00287	01.61	34.23	27.41		1460.2							
	STO	00300	01.65	34.26	27.43	00.353	1460.7							
	OBS	00300	01.66	34.26	27.43		1460.7							
	OBS	00350	02.49	34.50	27.55		1465.6							
	STO	00400	02.77	34.60	27.61	00.412	1467.6							
	OBS	00401	02.77	34.60	27.61		1467.7							
	OBS	00453	02.79	34.60	27.61		1468.6							
	STO	00500	03.17	34.70	27.65	00.463	1471.2							
	OBS	00502	03.15	34.70	27.65		1471.3							
	OBS	00550	03.40	34.75	27.67		1473.1							
	STO	00600	03.50	34.79	27.65	00.511	1474.4							
	OBS	00605	03.51	34.75	27.65		1474.5							
	OBS	00651	03.51	34.60	27.70		1475.3							
	STO	00700	03.53	34.80	27.70	00.557	1476.2							
	OBS	00704	03.53	34.80	27.70		1476.2							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFID 31 8463	YEAR 1973	BOAT 01507	AIR TEMP 01.0	DIR MGT P&R	WIND-DIR 33	INST STC RECODER	TEN 50 1306
CONSEC 0003	MONTH 05	SHIP EV	WET BULB 00.1	34 5 5	WIND-SPD 20	TRACE CIR C	5 SQUARE 2
LA" 43 49.2M	DAY 26	DATA USE 1	BARCHMET 101c.1	SEA	WIND-FOR	DURATION	2 SQUARE 28
LONG 048 33.3W	MOOR 04.5	AREA 05	CLCUD 7/A	CL/7R	WEATHER X2	ORIG 011 782 10	1 SQUARE 36

CASTNUM/TIME	LVLTY	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	DAYC	PO4	TOT P	NO2	NO3	SIO3	PH
	STD	00000	01.23	33.04	26.50	00.000	1452.2							
085	00003	01.23	33.04	26.30			1452.2							
STD	00010	01.22	33.07	26.50	00.015		1452.3							
085	00011	01.22	33.07	26.50			1452.3							
STD	00020	01.23	33.07	26.50	00.031		1452.3							
085	00020	01.23	33.07	26.30			1452.5							
STD	00030	01.25	33.08	26.51	00.046		1452.8							
085	00030	01.25	33.08	26.51			1452.8							
085	00034	01.25	33.08	26.51			1452.9							
085	00036	01.16	33.12	26.55			1452.3							
085	00038	00.99	33.17	26.60			1451.9							
085	00040	00.61	33.22	26.64			1451.6							
085	00041	00.92	33.30	26.71			1451.8							
085	00045	00.12	33.27	26.73			1448.2							
085	00049	- 0.16	33.37	26.82			1447.1							
STD	00050	00.07	33.36	26.82	00.074		1448.2							
085	00051	00.63	33.40	26.80			1450.8							
085	00053	01.39	33.45	26.83			1450.4							
085	00057	01.31	33.42	26.78 *			1450.0							
085	00056	00.64	33.32	26.74 *			1450.9							
085	00060	- 0.50	33.41	26.87			1449.8							
085	00062	00.02	33.44	26.87			1448.3							
085	00066	00.80	33.56	26.92			1452.0							
085	00068	01.05	33.55	26.90			1453.2							
085	00070	01.10	33.52	26.87 *			1453.4							
085	00074	00.79	33.47	26.85			1452.0							
STD	00075	00.75	33.49	26.87	00.104		1451.9							
085	00076	00.70	33.51	26.86			1451.7							
085	00078	00.61	33.51	26.89			1451.3							
085	00087	- 0.32	33.47	26.91			1447.1							
085	00091	- 0.58	33.47	26.92			1446.0							
085	00093	- 0.65	33.51	26.95			1445.8							
STD	00100	- 0.58	33.64	27.08	00.132		1446.4							
085	00100	- 0.52	33.65	27.06			1446.7							
085	00104	- 0.14	33.64	27.04			1448.5							
STD	00125	00.42	33.84	27.17	00.134		1451.7							
085	00125	00.45	33.85	27.18			1451.8							
085	00126	00.83	33.91	27.21			1452.8							
085	00140	01.36	34.16	27.37			1456.6							
STD	00150	01.47	34.16	27.36	00.176		1457.2							
085	00150	01.47	34.16	27.36			1457.2							
085	00156	01.47	34.26	27.44			1457.5							
085	00173	02.47	34.39	27.47			1462.3							
085	00177	02.72	34.42	27.47			1463.3							
085	00184	02.90	34.45	27.48			1464.5							
085	00188	03.17	34.51	27.50			1465.8							
STD	00200	03.40	34.54	27.51	00.205		1467.0							
085	00201	03.42	34.55	27.51			1467.1							
085	00230	03.44	34.61	27.55			1467.8							
STD	00250	03.45	34.62	27.56	00.238		1468.1							
085	00253	03.43	34.62	27.56			1468.2							
085	00264	03.58	34.62	27.53			1468.9							
085	00266	03.30	34.64	27.57			1468.8							
085	00274	03.17	34.62	27.59			1467.3							
085	00276	03.11	34.61	27.59			1467.1							
085	00279	03.15	34.64	27.61			1467.4							
085	00283	03.01	34.60	27.59			1466.8							
085	00289	02.59	34.58	27.61			1465.0							
STD	00300	02.34	34.57	27.62	00.265		1464.1							
085	00300	02.33	34.57	27.62			1464.1							
085	00354	02.73	34.65	27.65			1466.8							
STD	00400	03.41	34.77	27.69	00.312		1470.6							
085	00401	03.42	34.78	27.69			1470.7							
085	00407	03.45	34.80	27.70			1471.0							
085	00415	03.89	34.81	27.66			1472.1							
085	00454	03.94	34.87	27.71			1473.6							
STD	00500	03.92	34.88	27.72	00.356		1474.6							
085	00500	03.62	34.88	27.72			1474.6							
085	00552	03.81	34.88	27.73			1475.0							
STD	00600	03.40	34.86	27.74	00.358		1474.9							
085	00601	03.40	34.86	27.74			1474.9							
085	00632	03.54	34.83	27.74			1475.5							
STD	00700	03.49	34.85	27.74	00.441		1476.1							
085	00702	03.49	34.85	27.74			1476.1							
085	00751	03.49	34.85	27.74			1476.9							
STD	00800	03.45	34.85	27.74	00.483		1477.6							
085	00807	03.43	34.85	27.74			1477.7							
085	00852	03.44	34.85	27.73			1478.4							
STD	00900	03.44	34.85	27.75	00.527		1479.2							
085	00902	03.44	34.85	27.73			1479.2							
085	00933	03.44	34.85	27.73			1480.1							
STD	01000	03.42	34.85	27.73	00.570		1480.8							
085	01003	03.42	34.85	27.75			1480.8							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFID 31 8463	YEAR 1975	BOYD 00518	AIR TEMP 01.5	DIA NGT PEA	WIND-DIR 31	INST STO RECORDER	TEN SO 1306
COMSEC 0004	MONTH 03	SHIP 8V	WET BULB 00.9	33 4 5	WIND-SPD 18	TRACE DIR 0	5 SQUARE 2
LAT 43 50.4N	DAY 26	DATA USE 1	BAROMETER 1015.0	SEA	WIND-FOR	DURATION 00.2	2 SQUARE 28
LONG 048 19.5W	MOON 10.7	AREA 05	CLOUD T/A	CL/T/A	WEATHER A2	ORIP 011 783	1 SQUARE 38

CALYTHUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYNDPHM	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
STD 00000		04.03	33.53	26.64	00.000	1465.0								
10.7 OBS 00003		04.03	33.53	26.64		1465.1								
STD 00010		04.03	33.33	26.64	00.014	1465.2								
OBS 00011		04.03	33.53	26.64		1465.2								
STD 00020		04.02	33.53	26.64	00.028	1465.3								
OBS 00020		04.02	33.53	26.64		1465.3								
STD 00030		04.03	33.53	26.64	00.042	1465.5								
OBS 00030		04.03	33.53	26.64		1465.5								
STD 00050		03.98	33.53	26.64	00.071	1465.6								
OBS 00051		03.98	33.94	26.65		1465.7								
OBS 00055		03.65	33.57	26.71		1466.4								
STD 00075		03.07	33.88	27.01	00.102	1462.6								
OBS 00076		03.04	33.90	27.03		1462.5								
OBS 00087		02.82	34.11	27.21		1462.1								
OBS 00095		02.44	34.11	27.25		1460.5								
OBS 00099		02.29	34.20	27.33		1460.1								
STD 00100		02.32	34.22	27.34	00.124	1460.2								
OBS 00100		02.35	34.23	27.35		1460.4								
OBS 00108		02.54	34.28	27.37		1461.4								
OBS 00112		02.36	34.25	27.36		1460.2								
OBS 00114		02.37	34.30	27.40		1460.8								
OBS 00119		03.10	34.44	27.45		1464.2								
STD 00125		03.19	34.44	27.44	00.142	1464.2								
OBS 00127		03.20	34.44	27.44		1464.8								
OBS 00135		03.13	34.48	27.48		1464.7								
STD 00150		03.48	34.54	27.49	00.158	1466.5								
OBS 00150		03.49	34.54	27.49		1466.6								
OBS 00156		03.38	34.50	27.47		1466.1								
OBS 00161		03.06	34.53	27.53		1466.5								
OBS 00167		03.46	34.56	27.51		1466.7								
OBS 00175		03.60	34.58	27.51		1467.5								
STD 00200		04.00	34.65	27.56	00.187	1469.7								
OBS 00203		04.01	34.70	27.57		1465.8								
OBS 00228		03.77	34.70	27.59		1465.2								
STD 00250		03.72	34.73	27.62	00.213	1469.4								
OBS 00253		03.71	34.74	27.63		1469.5								
OBS 00277		03.95	34.81	27.66		1471.0								
OBS 00291		04.33	34.88	27.68		1472.9								
STD 00300		04.40	34.89	27.68	00.237	1473.3								
OBS 00303		04.40	34.89	27.68		1473.3								
OBS 00302		04.40	34.89	27.68		1473.4								
OBS 00308		04.21	34.87	27.68		1472.6								
OBS 00350		04.58	34.94	27.70		1475.0								
STD 00400		04.44	34.94	27.71	00.282	1475.2								
OBS 00403		04.44	34.94	27.71		1475.2								
OBS 00454		04.46	34.95	27.72		1476.2								
STD 00500		04.31	34.94	27.73	00.325	1476.3								
OBS 00500		04.31	34.94	27.73		1476.3								
OBS 00552		04.19	34.94	27.74		1476.7								
STD 00600		04.03	34.92	27.74	00.368	1476.8								
OBS 00601		04.03	34.92	27.74		1476.8								
OBS 00651		03.87	34.88	27.73		1476.6								
STD 00700		03.81	34.91	27.76	00.410	1477.5								
OBS 00700		03.81	34.91	27.76		1477.5								
OBS 00751		03.79	34.90	27.75		1478.2								
STD 00800		03.71	34.90	27.76	00.451	1478.7								
OBS 00801		03.71	34.90	27.76		1478.7								
OBS 00850		03.49	34.90	27.76		1479.5								
STD 00900		03.64	34.90	27.76	00.494	1480.1								
OBS 00902		03.64	34.90	27.77		1480.1								

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFID 31	4463	YEAR 1975	BOTOP 03105	AIR TEMP 03.5	OIR HGT PER	WIND-OIR 31	INST STO RECORDER	TEM SO 1306
CONSEC 0005		MONTH 05	SHIP EV	WET BULB 01.5	30 3 4	WIND-SPO 20	TRACE OIR 0	9 SQUARE 2
LAT 43 51.8N		DAY 24	DATA USE 1	BAROMETR 1015.2	SEA	WIND-FOR	DURATICA 00.4	2 SQUARE 26
LONG 048 24.8W		HOOR 12.6	AREA 03	CLCUO 7/A	CL/7#	WEATHER A2	ORIG 011 784 08	1 SQUARE 38

CASTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SNO VEL	DAYC	PD4	TOT P	MO2	MO3	\$103	PH
	STO	00000	03.58	33.44	26.61	00.000	1463.0							
12.6	085	00005	03.58	33.44	26.61		1463.1							
	STO	00010	03.58	33.44	26.61	00.014	1463.1							
	085	00011	03.58	33.44	26.61		1463.2							
	STO	00020	03.58	33.44	26.61	00.029	1463.3							
	085	00020	03.58	33.44	26.61		1463.3							
	STO	00030	03.59	33.44	26.61	00.043	1463.5							
	085	00030	03.59	33.44	26.61		1463.5							
	085	00036	03.60	33.47	26.63		1463.7							
	085	00040	03.74	33.46	26.61		1464.3							
	085	00043	03.86	33.58	26.69		1465.1							
	085	00045	02.92	33.53	26.74		1461.0							
	085	00045	03.02	33.58	26.77		1461.6							
	STO	00050	02.98	33.60	26.79	00.070	1461.4							
	085	00051	02.89	33.64	26.83		1461.1							
	085	00060	02.99	33.80	26.95		1461.9							
	085	00064	02.44	33.96	27.13		1459.8							
	085	00068	02.12	34.05	27.22		1458.6							
	085	00074	02.76	34.22	27.31		1461.7							
	STO	00075	02.76	34.20	27.29	00.096	1461.7							
	085	00076	02.76	34.19	27.28		1461.7							
	085	00081	02.58	34.31	27.39		1461.2							
	085	00085	02.82	34.32	27.38		1462.3							
	085	00087	02.83	34.30	27.36		1462.4							
	085	00093	03.06	34.38	27.41		1463.6							
	STO	00100	02.92	34.40	27.43	00.114	1463.1							
	085	00100	02.92	34.40	27.44		1463.1							
	085	00106	02.57	34.40	27.43		1463.4							
	085	00116	03.56	34.54	27.49		1466.3							
	085	00119	03.56	34.55	27.49		1466.4							
	STO	00125	03.77	34.64	27.54	00.130	1467.5							
	085	00125	03.79	34.64	27.54		1467.6							
	085	00131	03.87	34.62	27.52		1468.0							
	STO	00150	03.83	34.66	27.55	00.144	1468.2							
	085	00150	03.83	34.66	27.56		1468.2							
	085	00169	03.77	34.68	27.58		1468.2							
	085	00175	03.88	34.72	27.60		1468.9							
	STO	00200	03.95	34.77	27.63	00.170	1469.6							
	085	00203	03.97	34.77	27.63		1469.8							
	085	00226	04.10	34.79	27.63		1470.7							
	STO	00250	04.28	34.83	27.65	00.194	1471.9							
	085	00255	04.30	34.84	27.65		1472.1							
	085	00276	04.33	34.86	27.66		1472.6							
	STO	00300	04.30	34.88	27.68	00.218	1472.9							
	085	00300	04.30	34.88	27.68		1472.9							
	085	00352	04.49	34.94	27.71		1474.6							
	STO	00400	04.46	34.97	27.73	00.261	1475.3							
	085	00401	04.46	34.97	27.73		1475.4							
	085	00451	04.28	34.94	27.73		1475.4							
	STO	00500	04.17	34.94	27.74	00.303	1475.7							
	085	00500	04.17	34.94	27.74		1475.7							
	085	00550	04.01	34.92	27.74		1475.9							
	STO	00600	03.90	34.91	27.75	00.344	1476.2							
	085	00601	03.90	34.91	27.75		1476.2							
	085	00651	03.78	34.90	27.75		1476.5							
	STO	00700	03.74	34.90	27.75	00.386	1477.2							
	085	00702	03.74	34.90	27.76		1477.2							
	085	00750	03.79	34.91	27.76		1478.2							
	STO	00800	03.81	34.92	27.76	00.427	1479.2							
	085	00803	03.81	34.92	27.76		1479.2							
	085	00850	03.65	34.90	27.76		1479.3							
	STO	00900	03.76	34.92	27.77	00.469	1480.6							
	085	00903	03.76	34.92	27.77		1480.6							
	085	00951	03.65	34.90	27.76		1481.0							
	STO	01000	03.60	34.89	27.76	00.512	1481.6							
	085	01003	03.60	34.89	27.76		1481.6							
	085	01046	03.54	34.89	27.77		1482.1							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.--Continued

MOOC STATION DATA

REFID 31 8463	YEAR 1975	BOTDP 03400	AIR TEMP 03.2	OIR MGT PER	WIND-OIR 32	INST STO RECORDER	TEN SO 1306
CONSEC 0006	MONTH 05	SHIP EV	WET BULB 01.4	29 2 4	WIND-SPO 20	TRACE OIR 0	5 SQUARE 2
LAT 43 50.6M	DAY 26	DATA USE 1	BAROMETR 1016.0	SEA	WIND-FOR	DURATION 00.3	2 SQUARE 28
LONG 048 10.0W	HOOR 14.6	AREA 05	CLOUD T/A	CL/TR	WEATHER X2	DRIG 011 785 08	1 SQUARE 38

CASTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
14.6	STO	00000	03.12	33.38	26.61	00.000	1460.9							
	OBS	00001	03.12	33.38	26.61		1461.0							
	STO	00010	03.11	33.38	26.61	00.014	1461.1							
	OBS	00013	03.11	33.38	26.61		1461.1							
	STO	00020	03.13	33.38	26.60	00.025	1461.3							
	OBS	00020	03.13	33.38	26.60		1461.3							
	STO	00030	03.13	33.38	26.60	00.043	1461.5							
	OBS	00030	03.13	33.38	26.60		1461.5							
	OBS	00038	03.24	33.50	26.69		1462.2							
	OBS	00043	03.61	33.52	26.67		1463.9							
	STO	00050	03.57	33.58	26.72	00.071	1463.9							
	OBS	00051	03.56	33.61	26.75		1464.0							
	OBS	00059	02.64	33.91	27.07		1460.5							
	OBS	00066	02.45	33.98	27.14		1459.9							
	OBS	00070	02.48	34.13	27.26		1460.3							
	STO	00075	02.17	34.09	27.25	00.058	1459.0							
	OBS	00076	02.11	34.09	27.26		1458.8							
	OBS	00095	01.84	34.32	27.46		1458.2							
	OBS	00097	01.95 P	34.36 P	27.490									
	OBS	00099	01.92	34.31	27.45 *		1458.6							
	STO	00100	01.93	34.32	27.46	00.116	1458.7							
	OBS	00104	01.95	34.38	27.50		1458.9							
	OBS	00106	02.07	34.40	27.51		1459.5							
	OBS	00114	03.01	34.54	27.54		1463.9							
	OBS	00119	03.33	34.58	27.54		1465.4							
	STO	00125	03.39	34.58	27.54	00.132	1465.8							
	OBS	00127	03.42	34.58	27.53		1465.9							
	STO	00150	03.72	34.66	27.57	00.146	1467.7							
	OBS	00150	03.72	34.66	27.57		1467.7							
	OBS	00175	03.90	34.72	27.60		1468.5							
	STO	00200	04.10	34.77	27.61	00.172	1470.3							
	OBS	00209	04.15	34.75	27.63		1470.7							
	OBS	00226	04.21	34.83	27.65		1471.2							
	STO	00250	04.29	34.86	27.66	00.196	1472.0							
	OBS	00253	04.30	34.86	27.66		1472.1							
	OBS	00276	04.42	34.90	27.68		1473.0							
	STO	00300	04.47	34.93	27.70	00.215	1473.7							
	OBS	00304	04.47	34.93	27.70		1473.7							
	OBS	00352	04.30	34.92	27.71		1473.8							
	STO	00400	04.35	34.94	27.72	00.262	1474.8							
	OBS	00401	04.35	34.94	27.72		1474.9							
	OBS	00454	04.31	34.95	27.73		1475.6							
	STO	00500	04.22	34.96	27.75	00.303	1476.0							
	OBS	00500	04.22	34.96	27.75		1476.0							
	OBS	00552	04.15	34.95	27.75		1476.5							
	STO	00600	04.01	34.93	27.75	00.344	1476.7							
	OBS	00601	04.01	34.93	27.75		1476.7							
	OBS	00651	03.56	34.94	27.76		1477.4							
	STO	00700	03.87	34.92	27.76	00.386	1477.8							
	OBS	00702	03.87	34.92	27.76		1477.8							
	OBS	00750	03.88	34.93	27.76		1478.6							
	STO	00800	03.79	34.91	27.76	00.428	1479.1							
	OBS	00803	03.78	34.91	27.76		1479.1							
	OBS	00850	03.69	34.91	27.77		1479.5							
	STO	00900	03.60	34.89	27.76	00.470	1479.5							
	OBS	00904	03.60	34.89	27.76		1480.0							
	OBS	00951	03.61	34.90	27.77		1480.8							
	STO	01000	03.62	34.90	27.77	00.512	1481.7							
	OBS	01001	03.62	34.90	27.77		1481.7							
	OBS	01056	03.60	34.90	27.77		1482.5							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

N D O C S T A T I O N D A T A

REFID 31	8-63	YEAR 1975	BOTDP 03614	AIR TEMP 02.9	DIA HGT PER	WIND-OIR 25	INST STC RECORDER	TEN SO 1306
CONSEC	0007	MONTH 05	SHIP EV	WET BULB 01.1	31 2 4	WIND-SPD 19	TRACE OIR	5 SQUARE 2
LA°	43 47.5N	DAY 26	DATA USE 1	BAROMETER 1001.7	SEA	WIND-FOA	DURATION 00.3	2 SQUARE 26
LONG 047 46.5W		MOOR 16.5	AREA 05	CLOUD T/A	CL/TR	WEATHER X2	DRJG 11 786 14	1 SQUARE 57

CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOMTH	SNO VEL	OXYG	PD4	TOT P	MO2	MO3	S103	PH
	STO	00000	03.72	33.46	26.61	00.000	1463.6							
16.5	OBS	00003	03.72	33.46	26.61		1463.7							
	STO	00010	03.65	33.46	26.62	00.014	1463.6							
	OBS	00011	03.69	33.46	26.62		1463.7							
	STO	00020	03.71	33.46	26.61	00.025	1463.9							
	OBS	00020	03.71	33.46	26.61		1463.9							
	STO	00030	03.71	33.46	26.61	00.043	1464.0							
	OBS	00030	03.71	33.46	26.61		1464.1							
	OBS	00036	03.59	33.52	26.67		1463.7							
	OBS	00040	03.04	33.49	26.70		1461.4							
	OBS	00043	02.58	33.50	26.71		1461.2							
	OBS	00047	02.55	33.48	26.73		1459.4							
	STO	00050	02.47	33.54	26.76	00.070	1455.2							
	OBS	00051	02.43	33.57	26.82		1456.0							
	OBS	00053	02.02	33.62	26.89		1457.3							
	OBS	00059	01.79	33.76	27.02		1456.6							
	OBS	00062	02.16	33.88	27.08		1458.5							
	OBS	00066	01.96	33.85	27.11		1457.7							
	OBS	00068	02.07	33.59	27.18		1458.3							
	OBS	00074	02.00	34.04	27.23		1458.2							
	STO	00075	01.91	34.05	27.24	00.097	1457.8							
	OBS	00081	01.45	34.08	27.30		1455.9							
	OBS	00083	01.43	34.08	27.30		1455.9							
	OBS	00095	01.63	34.23	27.41		1457.1							
	OBS	00099	02.56	34.40	27.47		1461.5							
	STO	00100	02.61	34.41	27.47	00.115	1461.8							
	OBS	00102	02.75	34.42	27.47		1462.4							
	OBS	00104	03.20	34.46	27.46		1464.5							
	OBS	00110	02.94	34.45	27.47		1463.4							
	OBS	00114	03.26	34.32	27.50		1465.0							
	STO	00125	03.25	34.52	27.50	00.130	1465.1							
	OBS	00125	03.24	34.52	27.50		1465.1							
	OBS	00142	02.81	34.48	27.51		1463.4							
	OBS	00144	02.77	34.50	27.53		1465.3							
	STO	00150	02.82	34.52	27.54	00.145	1463.6							
	OBS	00150	02.82	34.52	27.54		1463.7							
	OBS	00156	02.83	34.51	27.53		1463.8							
	OBS	00165	03.40	34.63	27.57		1466.5							
	OBS	00175	03.20	34.60	27.57		1465.8							
	OBS	00178	03.11	34.58	27.56		1465.5							
	OBS	00180	02.88	34.57	27.57		1464.5							
	OBS	00186	02.51	34.53	27.58		1462.9							
	STO	00200	02.21	34.52	27.59	00.172	1461.8							
	OBS	00201	02.18	34.52	27.59		1461.7							
	OBS	00226	02.06	34.54	27.62		1461.6							
	STO	00250	02.14	34.56	27.63	00.197	1462.4							
	OBS	00255	02.21	34.56	27.64		1462.8							
	OBS	00262	02.36	34.62	27.66		1463.6							
	OBS	00277	02.40	34.63	27.66		1464.1							
	STO	00300	02.63	34.67	27.68	00.220	1465.5							
	OBS	00302	02.67	34.68	27.68		1465.7							
	OBS	00323	02.99	34.72	27.68		1467.5							
	OBS	00340	03.38	34.77	27.69		1469.5							
	OBS	00346	03.30	34.76	27.69		1465.3							
	OBS	00354	03.48	34.79	27.69		1470.2							
	STO	00400	04.16	34.93	27.74	00.263	1474.0							
	OBS	00403	04.19	34.94	27.74		1474.2							
	OBS	00454	04.37	34.98	27.75		1475.5							
	STO	00500	04.33	34.57	27.75	00.304	1476.4							
	OBS	00500	04.33	34.57	27.75		1476.5							
	OBS	00553	04.24	34.56	27.75		1476.5							
	STO	00600	04.23	34.97	27.76	00.345	1477.7							
	OBS	00605	04.22	34.97	27.76		1477.7							
	OBS	00654	04.05	34.93	27.75		1477.8							
	STO	00700	03.92	34.92	27.75	00.386	1478.0							
	OBS	00700	03.52	34.52	27.75		1478.0							
	OBS	00750	03.79	34.91	27.76		1478.2							
	STO	00800	03.69	34.90	27.76	00.426	1478.6							
	OBS	00805	03.69	34.90	27.76		1478.7							
	OBS	00850	03.76	34.93	27.78		1479.8							
	STO	00900	03.74	34.92	27.77	00.470	1480.5							
	OBS	00900	03.74	34.92	27.77		1480.5							
	OBS	00951	03.62	34.50	27.77		1480.6							
	STO	01000	03.55	34.89	27.77	00.512	1481.4							
	OBS	01005	03.54	34.89	27.77		1481.4							
	OBS	01050	03.49	34.88	27.76		1481.9							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977---Continued

MOOC STATION DATA

REFID 31 8463	YEAR 1975	BOTOP 03643	AIR TEMP 04.9	DIR MCT PER	WIND-DIR 33	INST STC RECORDER	TEN SO 1306
CONSEC 0038	MONTH 05	SHIP EV	WET BULB 02.4	27 4 3	WIND-SPG 21	TRACE DIR 0	5 SQUARE 2
LAT 43 50.0N	DAY 26	DATA USE 1	BAROMETR 1017.0	SEA	WIND-FOR	DURATION 00.4	2 SQUARE 26
LONG 047 40.2W	MOU 18.5	AREA 05	CLGUD 7/4	CL/TR	WEATHER A2	ORIG 011 787 16	1 SQUARE 37

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNDPTH	SNO VEL	OXYG	PO4	TOT P	MC2	MC3	S103	PH
18.5	STO	00030	03.26	33.16	26.42	00.000	1461.2							
	OBS	00003	03.26	33.16	26.42		1461.3							
	STO	00010	03.28	33.16	26.42	00.016	1461.5							
	OBS	00011	03.28	33.16	26.42		1461.5							
	STO	00020	03.28	33.16	26.42	00.032	1461.6							
	OBS	00022	03.28	33.16	26.42		1461.7							
	STO	00030	03.26	33.16	26.42	00.045	1461.7							
	OBS	00032	03.25	33.16	26.42		1461.7							
	OBS	00036	03.11	33.14	26.41		1461.1							
	OBS	00038	02.45	33.21	26.52		1458.6							
	OBS	00045	02.61	33.20	26.51		1459.2							
	OBS	00047	02.29	33.31	26.62		1458.0							
	STO	00050	01.86	33.33	26.67	00.079	1458.2							
	OBS	00051	01.68	33.34	26.65		1458.4							
	OBS	00053	01.51	33.42	26.76		1454.8							
	OBS	00055	01.47	33.45	26.79		1454.7							
	OBS	00057	01.51	33.45	26.75		1454.5							
	OBS	00066	00.09	33.45	26.87		1448.7							
	STO	00075	00.28	33.63	27.01	00.105	1445.5							
	OBS	00076	00.30	33.68	27.05		1450.1							
	OBS	00078	01.26	33.77	27.06		1454.6							
	OBS	00081	01.40	33.76	27.04		1455.3							
	OBS	00087	00.72	33.75	27.08		1452.3							
	OBS	00093	00.83	33.83	27.14		1453.0							
	OBS	00097	01.91	33.54	27.15		1458.0							
	OBS	00099	01.57	34.02	27.21		1458.4							
	STO	00100	02.24	34.03	27.20	00.133	1459.6							
	OBS	00104	02.52	34.06	27.16		1462.7							
	OBS	00110	02.45	34.03	27.18		1460.7							
	OBS	00115	02.46	34.03	27.18		1460.6							
	STO	00125	02.92	34.17	27.25	00.155	1463.2							
	OBS	00125	02.56	34.18	27.26		1463.4							
	OBS	00148	03.08	34.20	27.26		1464.3							
	STO	00150	03.03	34.19	27.26	00.176	1464.1							
	OBS	00150	03.01	34.15	27.26		1464.0							
	OBS	00156	02.70	34.28	27.36		1462.9							
	OBS	00163	03.21	34.42	27.42		1465.4							
	OBS	00169	02.22	34.34	27.45		1461.1							
	OBS	00182	02.55	34.46	27.51		1463.1							
	OBS	00159	03.51	34.55	27.50		1467.5							
	STO	00200	03.51	34.55	27.50	00.212	1467.5							
	OBS	00205	03.45	34.62	27.54		1468.3							
	OBS	00228	03.85	34.64	27.54		1469.5							
	STO	00250	03.40	34.58	27.54	00.241	1467.9							
	OBS	00251	03.35	34.58	27.54		1467.7							
	OBS	00255	03.20	34.62	27.55		1467.1							
	OBS	00266	03.17	34.60	27.57		1467.2							
	OBS	00287	02.42	34.54	27.59		1464.2							
	STO	00300	02.34	34.57	27.62	00.268	1464.1							
	OBS	00302	02.33	34.57	27.62		1464.1							
	OBS	00350	02.33	34.60	27.65		1464.6							
	STO	00400	02.75	34.68	27.67	00.316	1467.7							
	OBS	00401	02.77	34.68	27.67		1467.8							
	OBS	00403	02.79	34.68	27.67		1467.9							
	OBS	00426	03.24	34.77	27.70		1470.4							
	OBS	00435	03.54	34.75	27.69		1471.8							
	OBS	00456	03.31	34.78	27.70		1471.2							
	STO	00500	03.51	34.82	27.71	00.360	1472.8							
	OBS	00500	03.51	34.82	27.71		1472.8							
	OBS	00550	03.71	34.86	27.73		1474.5							
	STO	00600	03.98	34.92	27.74	00.403	1476.6							
	OBS	00601	03.95	34.92	27.75		1476.6							
	OBS	00651	04.10	34.54	27.75		1477.5							
	STO	00700	03.55	34.54	27.76	00.445	1478.3							
	OBS	00700	03.99	34.94	27.76		1478.3							
	OBS	00750	03.81	34.50	27.75		1478.3							
	STO	00800	03.85	34.51	27.75	00.487	1479.3							
	OBS	00803	03.85	34.91	27.75		1479.4							
	OBS	00852	03.94	34.93	27.76		1480.6							
	STO	00900	03.88	34.93	27.76	00.530	1481.1							
	OBS	00900	03.88	34.93	27.76		1481.2							
	OBS	00553	03.78	34.51	27.76		1481.6							
	STO	01000	03.76	34.91	27.76	00.573	1482.3							
	OBS	01001	03.76	34.91	27.76		1482.3							
	OBS	01054	03.72	34.51	27.77		1483.0							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFID 31 8463	YEAR 1975	BOTOP 01536	AIR TEMP 02.7	DIA MG7 PER	WIND-01A 30	INST STO RECORDER	TEN SO 1306
CONSEC 0005	MONTH 05	SHIP EV	WET GULB 00.9	27 A 4	WIND-SPO 12	TRACE DIA 0	5 SQUARE 2
LA° 44 04.54	DAY 26	DATA USE 1	BACKETA 1018.5	SEA	WIND-FOA	DURATION 00.3	2 SQUARE 46
LONG 047 41.24	MOOR 21.8	AREA 05	CLOUD T/A	CL/7A	WEATHER A1	ORIG 011 788 11	1 SQUARE 47

CASHTM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SNO VEL	OXYG	PO4	TOT P	MO2	MO3	SIO3	PH
STO		00000	07.97	34.35	26.79									
21.e	085	00001	07.97	34.35	26.79	00.000	1482.0							
STO		00010	07.98	34.35	26.79									
085		00011	07.98	34.35	26.79	00.013	1482.2							
085		00015	07.97	34.34	26.78									
STO		00020	07.97	34.35	26.79	00.025	1482.3							
085		00020	07.97	34.35	26.79									
STO		00030	07.96	34.35	26.79	00.036	1482.4							
STO		00050	07.95	34.35	26.79	00.064	1482.7							
085		00053	07.95	34.35	26.79									
085		00059	07.47	34.45	28.94									
085		00068	08.41	34.79	27.07									
085		00070	08.38	34.76	27.06									
085		00074	07.60	34.68	27.07									
STO		00075	07.94	34.71	27.08	00.092	1483.6							
085		00079	06.48	34.84	27.10									
085		00085	06.37	34.81	27.09									
085		00093	07.56	34.64	27.08									
085		00097	07.50	34.70	27.13									
STO		00100	07.56	34.71	27.13	00.117	1482.5							
085		00100	07.57	34.71	27.13									
085		00119	07.59	34.74	27.15									
STO		00125	07.28	34.70	27.17	00.140	1481.6							
085		00127	07.23	34.70	27.17									
085		00133	07.29	34.72	27.18									
STO		00150	07.76	34.82	27.19	00.163	1484.2							
085		00152	07.79	34.83	27.19									
085		00165	07.62	34.85	27.20									
085		00177	07.71	34.86	27.23									
085		00182	07.62	34.83	27.22									
085		00190	07.60	34.91	27.25									
STO		00200	07.79	34.95	27.28	00.207	1485.3							
085		00201	07.79	34.95	27.29									
085		00209	07.88	34.94	27.26									
085		00218	07.41	34.84	27.26									
085		00220	07.20	34.86	27.30									
085		00228	07.23	34.92	27.34									
085		00230	07.25	34.90	27.33									
085		00234	07.65	35.06	27.39									
STO		00250	07.73	35.06	27.36	00.247	1486.1							
085		00257	07.79	35.06	27.37									
085		00258	07.61	35.07	27.38									
085		00267	05.65	34.71	27.35									
085		00289	05.55	34.73	27.42									
085		00298	04.64	34.65	27.44									
STO		00300	04.75	34.64	27.44	00.263	1474.4							
085		00306	04.22	34.57	27.44									
085		00319	03.90	34.59	27.49									
085		00325	04.11	34.62	27.49									
085		00350	04.12	34.68	27.54									
085		00357	04.24	34.70	27.54									
085		00367	04.85	34.80	27.56									
085		00375	04.73	34.76	27.54									
085		00378	04.73	34.79	27.56									
085		00386	04.51	34.77	27.57									
085		00388	04.49	34.77	27.57									
085		00397	04.86	34.81	27.56									
STO		00400	04.70	34.80	27.57	00.345	1476.1							
085		00407	04.39	34.79	27.60									
085		00420	04.73	34.86	27.62									
085		00439	04.85	34.88	27.62									
085		00453	04.99	34.93	27.64									
085		00460	04.73	34.88	27.63									
085		00462	04.73	34.89	27.64									
085		00479	05.46	35.04	27.67									
STO		00500	05.34	35.02	27.67	00.398	1480.7							
085		00502	05.32	35.02	27.67									
085		00508	05.42	35.05	27.69									
085		00550	04.90	34.97	27.68									
STO		00600	04.96	35.02	27.72	00.446	1480.8							
085		00603	04.96	35.02	27.72									
085		00651	04.80	35.00	27.72									
STO		00700	04.73	35.01	27.74	00.491	1481.5							
085		00700	04.73	35.01	27.74									
085		00753	04.60	35.00	27.74									
STO		00800	04.51	34.99	27.74	00.536	1482.2							
085		00803	04.51	34.99	27.74									
085		00856	04.46	34.99	27.75									
STO		00900	04.37	34.95	27.76	00.561	1483.3							
085		00900	04.37	34.99	27.76									
085		00951	04.28	34.98	27.76									
STO		01000	04.22	34.98	27.77	00.625	1484.3							
085		01001	04.22	34.98	27.77									
085		01054	04.19	34.97	27.76									

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

N C O C S T A T I O N C A T A

REF ID: A663 YEAR: 1973 BOTOM: 03675 AIR TEMP: 03.5 OIR: FGT PER WIND-OIR: 24 INST STO RECORDER TEN SO: 1306
 CONSEC: 0010 MONTH: 05 SHIP EV: WET BULB: 02.9 SEA: 31 3 4 WIND-SPO: 10 TRACE OIR: 0 5 SQUARE: 2
 1A: 44 22.0N DAY: 26 DATA USE: 1 BAROMETER: 1015.0 WIND-FOR: 00.4 DURATION: 00.4 2 SQUARE: 46
 LONG: 047 40.9W HOUR: 23.5 AREA: 05 CLGUD: T/A CL/TA: WEATHER: X1 ORIG: 011 789 1 SQUARE: 47

CAS7NUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNDPTH	SND VEL	OXYG	PO4	TOT P	MO2	MO3	SIO3	PH
23.5	STO	00000	10.33	34.93	26.86	00.000	1491.5							
	OBS	00003	10.33	34.93	26.86		1491.6							
	STO	00010	10.35	34.94	26.86	00.012	1491.7							
	OBS	00011	10.35	34.94	26.86		1491.8							
	STO	00020	10.34	34.93	26.86	00.024	1491.9							
	OBS	00020	10.34	34.93	26.86		1492.1							
	STO	00030	10.35	34.94	26.86	00.032	1492.1							
	OBS	00032	10.35	34.94	26.86		1492.4							
	STO	00050	10.34	34.94	26.87	00.060	1492.4							
	OBS	00051	10.34	34.94	26.87		1492.8							
	OBS	00064	10.35	34.99	26.90		1493.6							
	OBS	00066	10.58	35.00	26.87		1496.7							
	OBS	00070	11.37	35.22	26.90		1497.4							
	STO	00075	11.51	35.29	26.92	00.090	1497.5							
	OBS	00076	11.54	35.30	26.93		1499.1							
	OBS	00095	11.85	35.40	26.95		1498.8							
	STO	00100	11.76	35.38	26.95	00.118	1497.4							
	OBS	00104	11.37	35.32	26.98		1495.5							
	OBS	00123	10.76	35.27	27.05		1496.0							
	STO	00125	10.87	35.30	27.05	00.146	1497.1							
	OBS	00129	11.14	35.38	27.06		1493.5							
	STO	00150	10.13	35.15	27.07	00.172	1491.8							
	OBS	00150	10.09	35.14	27.06		1487.1							
	OBS	00154	09.70	35.03	27.05		1485.6							
	OBS	00156	09.65	35.05	27.10		1485.2							
	OBS	00165	08.45	34.80	27.07		1483.3							
	OBS	00169	08.04	34.84	27.16		1483.4							
	OBS	00175	07.90	34.84	27.18		1483.5							
	OBS	00184	07.41	34.74	27.18		1487.8							
	STO	00200	07.36	34.73	27.18	00.221	1487.3							
	OBS	00203	07.35	34.73	27.18		1487.4							
	OBS	00224	07.27	34.76	27.21		1485.2							
	OBS	00232	08.20	34.94	27.22		1485.3							
	OBS	00239	08.16	34.51	27.20		1481.7							
	OBS	00245	07.54	34.88	27.27		1485.2							
	STO	00250	07.56	34.88	27.27	00.266	1485.3							
	OBS	00251	07.55	34.89	27.27		1486.7							
	OBS	00262	07.90	34.92	27.25		1487.6							
	OBS	00270	08.06	34.97	27.26		1487.3							
	OBS	00276	07.57	34.95	27.26		1486.4							
	OBS	00281	07.73	34.93	27.28		1487.8							
	OBS	00287	08.04	35.00	27.25		1487.3							
	STO	00300	07.85	34.95	27.31	00.308	1487.2							
	OBS	00300	07.84	34.99	27.31		1487.0							
	OBS	00329	07.65	35.00	27.35		1485.0							
	OBS	00335	07.13	34.92	27.36		1484.6							
	OBS	00346	06.56	34.98	27.43		1485.3							
	OBS	00350	07.12	35.01	27.43		1485.9							
	OBS	00367	07.19	35.03	27.44		1484.2							
	OBS	00397	06.66	34.96	27.45		1483.5							
	STO	00400	06.50	34.93	27.46	00.384	1481.7							
	OBS	00407	06.03	34.86	27.46									
	OBS	00426	05.46	34.71	27.410									
	OBS	00430	05.10	34.70	27.450									
	OBS	00453	04.56	34.80	27.54		1478.1							
	OBS	00466	05.28	34.90	27.56		1475.7							
	OBS	00472	05.78	35.01	27.61		1482.0							
	STO	00500	05.66	34.95	27.61	00.447	1481.5							
	OBS	00500	05.66	34.99	27.61		1481.5							
	OBS	00525	05.46	34.93	27.60		1481.6							
	OBS	00533	05.25	34.90	27.59		1480.7							
	OBS	00540	04.69	34.85	27.61		1478.4							
	OBS	00550	04.67	34.87	27.63		1478.5							
	STO	00600	04.76	34.94	27.68	00.495	1479.8							
	OBS	00601	04.76	34.94	27.68		1475.9							
	OBS	00652	04.65	34.94	27.69		1480.3							
	STO	00700	04.92	35.03	27.73	00.547	1482.3							
	OBS	00702	04.93	35.03	27.73		1482.4							
	OBS	00751	04.48	34.95	27.72		1481.2							
	STO	00800	04.37	34.96	27.74	00.553	1481.6							
	OBS	00801	04.37	34.96	27.74		1481.6							
	OBS	00850	04.19	34.94	27.74		1481.6							
	STO	00900	04.16	34.95	27.75	00.638	1482.5							
	OBS	00900	04.19	34.95	27.75		1483.6							
	OBS	00953	04.24	34.97	27.76		1483.6							
	STO	01000	04.05	34.94	27.75	00.683	1483.6							
	OBS	01001	04.05	34.94	27.75		1483.6							
	OBS	01026	03.59	34.94	27.76		1483.7							
	OBS	01054	03.55	34.94	27.76		1484.2							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOCC STATION DATA														
FFIC 31	4463	YEAR 1975	DOTOP 03524	AIR TEMP 07.1	DIR MGT PER	WIND-DIR 23	INST STC RECORDER	TEN SG 136						
CONSEC	0011	MONTH 05	SHIP EV	WET BULB 06.1	23 1 2	WIND-SPD 15	TRACE DIR 0	5 SQUARE						
1A7	44 35.8N	DAY 27	DATA USE 1	BAROMETR 1020.0	SEA	WIND-FOR	DURATION 00.4	2 SQUARE						
LONG 347 40.0W		MOUR 02.2	AREA 05	CLOUD T/A	CL/TR	WEATHER X1	ORIG 011 T90	1 SQUARE						
CASTNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	DXYG	PO4	TOT P	MC2	MC3	S103	PM
02.2	DBS	00309	11.04	35.14	26.90		1454.5							
	STD	00010	11.04	35.14	26.90		1454.5							
	STD	00020	11.04	35.14	26.90		1454.6							
	DBS	00022	11.04	35.14	26.90		1454.7							
	STD	00030	11.09	35.15	26.89		1455.0							
	DBS	00030	11.09	35.15	26.89		1455.0							
	STD	00050	11.12	35.15	26.89		1455.4							
	DBS	00051	11.12	35.15	26.89		1455.4							
	STD	00075	11.10	35.15	26.89		1455.8							
	DBS	00076	11.10	35.15	26.89		1455.8							
	DBS	00093	11.24	35.21	26.51		1456.6							
	DBS	00095	11.60	35.32	26.53		1458.0							
	STD	00100	11.66	35.34	26.94		1458.3							
	DBS	00100	11.66	35.34	26.94		1458.4							
	STD	00125	10.65	35.22	27.03		1455.1							
	DBS	00127	10.64	35.21	27.02		1455.1							
	DBS	00129	10.64	35.20	27.01		1455.1							
	DBS	00131	10.33	35.18	27.05		1454.0							
	DBS	00137	05.70	35.08	27.08		1451.6							
	DBS	00146	08.97	34.94	27.10		1450.9							
	STD	00150	08.87	34.93	27.11		1450.6							
	DBS	00152	08.60	34.93	27.12		1450.4							
	DBS	00156	07.52	34.69	27.12		1453.2							
	DBS	00161	07.45	34.68	27.12		1453.0							
	DBS	00165	07.70	34.74	27.13		1454.1							
	DBS	00167	07.68	34.75	27.15		1454.1							
	DBS	00169	07.37	34.67	27.13		1452.8							
	DBS	00173	07.66	34.75	27.15		1454.1							
	DBS	00175	07.66	34.75	27.15		1454.2							
	DBS	00190	07.41	34.72	27.16		1453.4							
	DBS	00198	06.96	34.63	27.15		1451.7							
	STD	00200	06.94	34.67	27.19		1451.7							
	DBS	00201	06.93	34.71	27.22		1454.5							
	DBS	00207	07.59	34.82	27.21		1455.2							
	DBS	00215	07.72	34.88	27.24		1453.5							
	DBS	00218	07.39	34.75	27.22		1453.5							
	DBS	00220	07.39	34.80	27.23		1455.4							
	DBS	00226	07.72	34.88	27.24		1457.3							
	DBS	00234	08.15	35.00	27.27		1458.4							
	DBS	00236	08.41	35.05	27.27		1458.3							
	STD	00250	08.32	35.02	27.26		1458.2							
	DBS	00251	08.30	35.02	27.29		1456.7							
	DBS	00276	07.81	34.96	27.29		1456.4							
	DBS	00279	07.72	34.97	27.31		1454.5							
	DBS	00285	07.34	34.90	27.31		1450.5							
	STD	00300	06.20	34.74	27.34		1450.3							
	DBS	00300	06.16	34.73	27.34		1450.2							
	DBS	00325	06.03	34.77	27.39		1450.2							
	DBS	00336	06.57	34.53	27.44		1452.6							
	DBS	00342	06.95	35.00	27.45		1454.5							
	DBS	00350	07.20	35.06	27.46		1455.7							
	DBS	00371	07.05	35.07	27.49		1455.4							
	DBS	00378	06.77	35.04	27.50		1454.4							
	DBS	00380	06.75	35.04	27.51		1454.4							
	DBS	00386	06.53	34.97	27.48		1453.5							
	DBS	00394	05.41	34.83	27.51		1456.9							
	STD	00400	05.38	34.85	27.53		1456.9							
	DBS	00401	05.37	34.86	27.54		1459.0							
	DBS	00415	05.93	34.95	27.54		1451.6							
	DBS	00416	05.87	34.92	27.53		1451.3							
	DBS	00420	05.48	34.89	27.55		1455.8							
	DBS	00435	04.65	34.79	27.57		1456.6							
	DBS	00451	04.60	34.80	27.58		1456.5							
	STD	00500	04.56	34.82	27.60		1457.2							
	DBS	00500	04.55	34.82	27.61		1457.2							
	DBS	00512	04.38	34.82	27.63		1456.5							
	DBS	00525	04.21	34.84	27.66		1456.2							
	DBS	00550	04.71	34.55	27.69		1458.8							
	STD	00600	04.78	34.97	27.70		1459.0							
	DBS	00601	04.78	34.97	27.70		1459.0							
	DBS	00641	04.64	34.97	27.71		1459.1							
	DBS	00652	04.69	35.02	27.73		1458.4							
	STD	00700	04.65	35.02	27.73		1458.0							
	DBS	00704	04.84	35.02	27.73		1458.0							
	DBS	00750	04.64	35.02	27.75		1458.4							
	STD	00800	04.57	34.99	27.74		1458.5							
	DBS	00803	04.56	34.99	27.74		1458.5							
	DBS	00852	04.37	34.99	27.76		1458.3							
	STD	00900	04.15	34.93	27.75		1458.2							
	DBS	00909	04.10	34.94	27.75		1458.0							
	DBS	00955	03.83	34.90	27.75		1452.6							
	STD	01000	03.83	34.93	27.77		1452.6							
	DBS	01001	03.83	34.93	27.77		1452.6							
	DBS	01048	03.67	34.85	27.75		1452.7							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

NOOC STATION DATA

REFID 31 8463 YEAR 1975 BOTOP 03558 AIR TEMP 05.1 DIR FGT PER WIND-DIR 17 INST STO RECORDER TEN SO 1306
 CONSEC 0012 MONTH 05 SHIP EV 03.4 34 2 4 WIND-SPO 22 TRACE DIR 0 5 SQUARE 2
 LAT 44 51.5N DAY 27 0474 USE 1 SEA WIND-FOR DURATION 00.6 2 SQUARE 46
 LONG 047 39.0W HOUR 04.7 AREA 05 CLOUD TFA CL/TFR WEATHER X1 ORIG 011 791 1 SQUARE 47

CASSTNUM/TIME	LVL/TP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPHTH	SND VEL	DRYC	PO4	TOT P	AC2	NO3	SIO3	PH
04.7	STO	00000	06.36	33.96	26.71	00.000	1475.1							
085	00003	06.36	33.96	26.71			1475.2							
STO	00010	06.36	33.96	26.71	00.013		1475.3							
085	00011	06.37	33.96	26.71			1475.4							
STO	00020	06.46	33.99	26.72	00.027		1475.5							
085	00020	06.47	33.99	26.72			1476.0							
STO	00030	06.46	33.99	26.72	00.040		1476.1							
085	00032	06.46	33.99	26.72			1476.1							
085	00047	06.45	33.99	26.72			1476.3							
STO	00050	05.95	33.95	26.75	00.067		1474.3							
085	00053	05.49	33.92	26.78			1472.5							
085	00055	05.35	33.92	26.80			1471.5							
085	00060	03.05	33.81	26.95			1462.2							
085	00066	03.26	33.97	27.06			1463.4							
085	00068	03.75	34.10	27.12			1465.7							
085	00070	03.85	34.14	27.14			1466.2							
STO	00075	04.20	34.17	27.13	00.095		1467.8							
085	00076	04.26	34.18	27.13			1468.1							
085	00087	04.22	34.21	27.16			1468.2							
085	00091	03.84	34.16	27.16			1466.6							
085	00097	04.11	34.27	27.22			1467.9							
085	00099	04.43	34.29	27.20			1469.3							
STO	00100	04.84	34.36	27.21	00.118		1471.1							
085	00102	05.77	34.51	27.22			1475.2							
085	00114	05.82	34.54	27.23			1475.7							
085	00118	06.08	34.60	27.25			1476.8							
085	00119	06.09	34.59	27.24			1476.9							
STO	00125	05.64	34.55	27.26	00.136		1475.1							
085	00125	05.62	34.55	27.27			1475.0							
085	00131	05.76	34.59	27.26			1475.7							
085	00135	05.30	34.50	27.27			1473.6							
085	00137	05.24	34.57	27.33			1473.7							
085	00144	06.35	34.76	27.34			1478.5							
STO	00150	06.52	34.78	27.33	00.160		1479.3							
085	00150	06.53	34.78	27.33			1479.4							
085	00156	05.33	34.63	27.36			1474.4							
085	00159	04.73	34.51	27.34			1471.9							
085	00171	04.96	34.61	27.35			1473.1							
085	00178	05.50	34.72	27.42			1475.6							
085	00198	05.05	34.64	27.41			1474.0							
STO	00200	04.98	34.64	27.41	00.196		1473.7							
085	00201	04.76	34.62	27.42			1472.8							
085	00203	04.36	34.58	27.44			1471.2							
085	00210	04.56	34.70	27.51			1472.4							
085	00222	05.01	34.75	27.50			1474.4							
085	00228	05.26	34.79	27.50			1475.6							
STO	00250	05.13	34.81	27.53	00.225		1475.4							
085	00253	05.13	34.81	27.53			1475.5							
085	00272	05.20	34.84	27.55			1476.1							
085	00277	04.95	34.83	27.56			1475.3							
STO	00300	04.55	34.78	27.57	00.258		1473.8							
085	00300	04.54	34.78	27.57			1473.8							
085	00350	04.65	34.87	27.63			1475.2							
085	00361	04.45	34.89	27.67			1474.7							
085	00375	04.85	34.52	27.65			1476.6							
085	00378	05.26	35.01	27.67			1478.3							
085	00390	05.67	35.05	27.65			1480.2							
STO	00400	05.70	35.08	27.68	00.310		1480.6							
085	00403	05.71	35.09	27.68			1480.7							
085	00453	05.42	35.04	27.68			1480.2							
STO	00500	05.21	35.05	27.71	00.357		1480.2							
085	00500	05.21	35.05	27.71			1480.2							
085	00552	04.96	35.04	27.73			1480.2							
STO	00600	04.65	35.01	27.74	00.401		1479.7							
085	00601	04.65	35.01	27.74			1479.7							
085	00652	04.65	35.01	27.74			1480.4							
STO	00700	04.46	34.98	27.74	00.445		1480.3							
085	00702	04.45	34.98	27.74			1480.3							
085	00750	04.24	34.96	27.75			1480.2							
STO	00800	04.15	34.95	27.75	00.485		1480.8							
085	00801	04.15	34.95	27.75			1480.8							
085	00852	04.21	34.98	27.77			1481.8							
STO	00900	04.03	34.94	27.76	00.533		1481.8							
085	00900	04.03	34.94	27.76			1481.8							
085	00953	03.55	34.95	27.77			1482.5							
STO	01000	03.88	34.94	27.77	00.576		1482.8							
085	01003	03.88	34.94	27.77			1482.9							
085	01048	03.88	34.93	27.76			1483.6							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

ESFIC 31	0403	YEAR 1975	BOATOP 03658	AIR TEMP 04.4	DIA HGT PER	WIND-DIA 19	INST STO RECORER	TEN SO 1302
CONSEC 0013		MCNTH 05	SMP EV	MET BULB 03.0	19 3 4	WIND-SPD 20	TRACE DIA C	9 SQUARE 2
LAT 44 48.7N		DAY 27	DATA USE 1	BAROMETER 1017.7	SEA	WIND-FOR	DURATION 00.4	2 SQUARE 46
LONG 347 58.2W		MOOR 07.5	AREA 05	CLOUD T/A	CL/TR	WEATHER A2	ORIG 011 792 11	1 SQUARE 47

CSTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYNDPT	SNO VEL	OXYG	PO4	TOT_P	MO2	MO3	SIO3	PH
	STO	00000	04.16	33.42	26.54	00.000	1465.4							
07.5	085	00001	04.16	33.42	26.54		1465.4							
	STO	00010	04.15	33.42	26.54	00.015	1465.5							
	085	00011	04.15	33.42	26.54		1465.6							
	STO	00020	04.14	33.42	26.54	00.030	1465.7							
	085	00020	04.14	33.42	26.54		1465.7							
	STO	00030	04.30	33.46	26.55	00.045	1466.5							
	085	00030	04.30	33.46	26.55		1466.5							
	085	00036	04.26	33.50	26.55		1466.5							
	085	00036	04.48	33.50	26.57		1467.5							
	085	00047	04.39	33.49	26.57		1467.2							
	STO	00050	03.92	33.43	26.57	00.075	1465.2							
	085	00051	03.50	33.36	26.57		1463.4							
	085	00053	02.77	33.30	26.57		1460.2							
	085	00055	02.41	33.32	26.62		1458.7							
	085	00074	02.23	33.71	26.94		1458.7							
	STO	00075	02.20	33.72	26.95	00.107	1458.6							
	085	00076	01.51	33.76	27.01		1457.4							
	085	00075	01.60	33.79	27.05		1456.2							
	085	00081	01.54	33.82	27.08		1456.0							
	085	00063	01.54	33.87	27.12		1456.1							
	085	00069	02.32	34.04	27.20		1459.6							
	STO	00100	02.38	34.06	27.21	00.132	1460.3							
	085	00100	02.38	34.06	27.21		1460.3							
	085	00104	01.53	34.08	27.26		1458.4							
	STO	00125	02.71	34.23	27.32	00.153	1462.3							
	085	00125	02.73	34.23	27.32		1462.5							
	085	00131	02.35	34.18	27.31		1460.6							
	085	00148	01.98	34.27	27.41		1459.6							
	STO	00150	02.49	34.33	27.42	00.171	1461.5							
	085	00150	02.59	34.34	27.42		1462.4							
	085	00154	02.90	34.39	27.43		1463.5							
	085	00165	03.32	34.48	27.46		1466.0							
	085	00175	03.20	34.47	27.47		1465.6							
	STO	00200	03.43	34.53	27.49	00.203	1467.1							
	085	00201	03.45	34.54	27.50		1467.2							
	085	00226	03.83	34.66	27.56		1469.4							
	085	00241	04.01	34.68	27.55		1470.4							
	STO	00250	03.56	34.62	27.55	00.233	1468.6							
	085	00251	03.51	34.62	27.56		1468.4							
	085	00276	03.52	34.73	27.60		1470.7							
	STO	00300	04.32	34.84	27.64	00.255	1472.5							
	085	00300	04.33	34.84	27.65		1473.0							
	085	00352	04.43	34.86	27.65		1474.3							
	STO	00400	04.42	34.85	27.67	00.307	1475.1							
	085	00401	04.42	34.85	27.68		1475.1							
	085	00453	04.40	34.92	27.70		1475.5							
	STO	00500	04.36	34.52	27.71	00.353	1476.5							
	085	00502	04.35	34.52	27.71		1476.5							
	085	00552	04.15	34.90	27.71		1476.6							
	STO	00600	04.08	34.52	27.74	00.397	1477.0							
	085	00601	04.08	34.52	27.74		1477.0							
	085	00651	04.13	34.54	27.75		1478.1							
	STO	00700	04.06	34.52	27.74	00.441	1478.6							
	085	00700	04.06	34.52	27.74		1478.6							
	085	00750	03.78	34.89	27.74		1478.2							
	STO	00800	03.88	34.92	27.76	00.484	1479.5							
	085	00801	03.88	34.92	27.76		1479.5							
	085	00852	03.85	34.93	27.77		1480.2							
	STO	00900	03.76	34.91	27.76	00.526	1480.6							
	085	00900	03.76	34.91	27.76		1480.6							
	085	00953	03.81	34.93	27.77		1481.7							
	STO	01000	03.80	34.93	27.77	00.565	1482.5							
	085	01001	03.78	34.93	27.77		1482.4							
	085	01007	03.65	34.91	27.77		1482.1							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REPID 31	B4e3	YEAR 1975	BOTOP 02805	AIR TEMP 03.8	OIR PGT PER	WIND-GIR 21	INST STO RECORDE	TEN SO 130c
CONSEC 0314	MONTH 05	SHIP EV	WET BULB 03.0	23 3 4	WIND-SPO 24	TRACE OIR 0	5 SQUARE 2	
LA° 44 50.5N	DAY 27	DATA USE 1	BAROMETR 1017.9	SEA	WIND-FOR	DURATION 00.4	2 SQUARE 48	
LONG 048 08.5W	MOOR 09.8	AREA 05	CLOUD T/A	CL/TR	WEATHER R2	DRG 011 793 10	1 SQUARE 48	

CASTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	OXYG	P04	TOT P	M02	M03	3103	PH
09.8	STD	00000	02.06	33.22	26.57	00.000	1456.1							
	OBS	00001	02.06	33.22	26.57		1456.1							
	OBS	00005	02.05	33.22	26.57		1456.2							
	STD	00010	02.04	33.22	26.57	00.015	1456.2							
	OBS	00011	02.03	33.23	26.58		1456.2							
	STD	00020	02.17	33.22	26.56	00.030	1456.5							
	OBS	00020	02.18	33.22	26.56		1457.0							
	STD	00030	02.16	33.24	26.57	00.044	1457.1							
	OBS	00030	02.16	33.24	26.57		1457.1							
	OBS	00049	02.08	33.37	26.68		1457.2							
	STD	00050	02.06	33.39	26.70	00.073	1457.2							
	OBS	00051	02.02	33.46	26.76		1457.1							
	OBS	00053	01.97	33.56	26.84		1457.0							
	OBS	00055	01.32	33.52	26.86		1454.1							
	OBS	00059	00.88	33.60	26.95		1452.3							
	OBS	00060	00.62	33.69	27.04		1451.3							
	OBS	00066	00.40	33.80	27.14		1450.6							
	OBS	00070	00.65	33.92	27.22		1451.9							
	STD	00075	00.59	33.85	27.20	00.101	1451.7							
	OBS	00076	00.59	33.88	27.19		1451.7							
	OBS	00078	00.60	33.89	27.20		1451.8							
	OBS	00081	01.13	34.00	27.26		1454.4							
	OBS	00091	01.47	34.18	27.38		1456.3							
	OBS	00095	01.52	34.18	27.34		1458.4							
	STD	00100	02.07	34.26	27.39	00.120	1455.2							
	OBS	00100	02.24	34.27	27.39		1460.0							
	OBS	00102	02.74	34.30	27.37		1462.2							
	STD	00125	03.85	34.52	27.44	00.137	1467.6							
	OBS	00125	03.86	34.52	27.44		1467.7							
	STD	00150	03.65	34.53	27.47	00.153	1467.2							
	OBS	00150	03.65	34.54	27.48		1467.2							
	OBS	00152	03.74	34.59	27.51		1467.7							
	OBS	00154	04.06	34.65	27.52		1469.2							
	OBS	00175	04.60	34.75	27.54		1471.9							
	STD	00200	04.71	34.80	27.58	00.183	1472.8							
	OBS	00203	04.71	34.81	27.58		1472.9							
	OBS	00228	04.62	34.83	27.61		1473.0							
	STD	00250	04.81	34.85	27.63	00.205	1474.2							
	OBS	00253	04.82	34.85	27.63		1474.3							
	OBS	00277	04.73	34.88	27.63		1474.3							
	STD	00300	04.50	34.87	27.65	00.234	1473.7							
	OBS	00300	04.45	34.87	27.65		1473.7							
	OBS	00350	04.58	34.92	27.68		1474.9							
	STD	00400	04.40	34.91	27.65	00.280	1475.0							
	OBS	00401	04.40	34.91	27.69		1475.0							
	OBS	00451	04.39	34.93	27.71		1475.8							
	STD	00500	04.32	34.94	27.72	00.325	1476.4							
	OBS	00506	04.31	34.94	27.73		1476.4							
	OBS	00550	04.24	34.93	27.73		1476.8							
	STD	00600	04.07	34.93	27.75	00.367	1476.9							
	OBS	00601	04.06	34.93	27.75		1476.9							
	OBS	00651	03.88	34.90	27.74		1477.0							
	STD	00700	03.72	34.88	27.74	00.410	1477.1							
	OBS	00702	03.72	34.88	27.74		1477.1							
	OBS	00750	03.71	34.89	27.75		1477.9							
	STD	00800	03.65	34.91	27.77	00.452	1478.5							
	OBS	00801	03.65	34.91	27.77		1478.5							
	OBS	00850	03.67	34.90	27.76		1479.4							
	STD	00900	03.63	34.90	27.77	00.493	1480.1							
	OBS	00900	03.63	34.90	27.77		1480.1							
	OBS	00951	03.54	34.90	27.78		1480.5							
	STD	01000	03.56	34.90	27.77	00.535	1481.4							
	OBS	01001	03.56	34.90	27.77		1481.4							
	OBS	01008	03.56	34.90	27.77		1481.6							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFID 31 8463	YEAR 1975	BOTOP 01564	AIR TEMP 04.1	OJA HGT PER	WIND-OIR 22	INST STD RECORDER	TEN 5G 1306
CONSEC 0015	MONTH 05	SHIP EV	WET BULB 02.9	27 3 4	WIND-SPO 20	TRACE OIR 0	5 SQUARE 2
LAT 44 50.0N	DAY 27	DATA USE 1	BAROMSTR 1016.8	SEA	WIND-FOR	OURATICA 00.3	2 SQUARE 48
LONG 048 24.3W	MOOR 12.1	AREA 05	CLOUD T/A	CL/7R	WEATHER 42	ORIG 011 794 12	1 SQUARE 48

CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SND VEL	OXYG	PO4	TCL P	NO2	NO3	SI03	PH
12.1	STO	00000	02.13	33.30	26.62	00.000	1456.5							
	OBS	00001	02.13	33.30	26.62		1456.5							
	OBS	00003	02.13	33.25	26.62		1456.6							
	STC	00010	02.13	33.30	26.62	00.014	1456.7							
	OBS	00013	02.13	33.30	26.62		1456.7							
	STO	00020	02.12	33.30	26.62	00.028	1456.8							
	OBS	00020	02.11	33.30	26.63		1456.8							
	STO	00030	02.00	33.37	26.69	00.042	1456.5							
	OBS	00030	01.99	33.37	26.69		1456.5							
	OBS	00045	01.82	33.56	26.85		1456.2							
	STO	00050	01.50	33.71	27.00	00.067	1455.1							
	OBS	00051	01.41	33.75	27.04		1454.8							
	OBS	00064	00.91	33.84	27.14		1452.9							
	STO	00075	01.23	33.93	27.19	00.091	1454.6							
	OBS	00076	01.25	33.64	27.20		1454.7							
	STO	00100	01.25	34.04	27.28	00.112	1455.3							
	OBS	00102	01.25	34.06	27.30		1455.3							
	OBS	00112	01.31	34.16	27.37		1455.9							
	OBS	00118	01.57	34.23	27.41		1457.3							
	STO	00125	01.71	34.29	27.44	00.131	1458.1							
	OBS	00125	01.72	34.29	27.45		1458.1							
	STO	00150	02.28	34.40	27.45	00.146	1461.1							
	OBS	00152	02.31	34.41	27.50		1461.3							
	OBS	00175	02.49	34.50	27.55		1462.6							
	OBS	00184	02.63	34.52	27.56		1463.4							
	STO	00200	02.95	34.57	27.57	00.175	1465.1							
	OBS	00201	02.97	34.58	27.57		1465.2							
	OBS	00226	02.74	34.62	27.63		1466.7							
	STO	00250	02.76	34.59	27.60	00.201	1465.1							
	OBS	00251	02.76	34.59	27.60		1465.2							
	OBS	00276	02.65	34.62	27.63		1465.3							
	STO	00300	02.85	34.67	27.66	00.226	1466.5							
	OBS	00303	02.86	34.67	27.66		1466.5							
	OBS	00350	03.25	34.75	27.68		1466.3							
	STO	00400	03.40	34.79	27.70	00.271	1470.6							
	OBS	00403	03.42	34.79	27.70		1470.8							
	OBS	00438	03.67	34.84	27.71		1472.5							
	OBS	00449	04.06	34.85	27.71		1474.4							
	OBS	00451	04.08	34.60	27.72		1474.5							
	OBS	00468	04.05	34.88	27.71		1474.6							
	STO	00500	03.81	34.86	27.72	00.315	1474.1							
	OBS	00500	03.81	34.86	27.72		1474.1							
	OBS	00553	03.96	34.51	27.74		1475.7							
	STO	00600	03.99	34.92	27.75	00.357	1476.6							
	OBS	00601	03.99	34.52	27.75		1476.6							
	OBS	00651	03.57	34.52	27.75		1477.4							
	STO	00700	03.54	34.93	27.76	00.395	1476.1							
	OBS	00703	03.54	34.53	27.76		1478.1							
	OBS	00750	03.83	34.91	27.75		1478.4							
	STO	00800	03.71	34.50	27.76	00.441	1478.7							
	OBS	00801	03.71	34.50	27.76		1478.7							
	OBS	00850	03.62	34.85	27.76		1475.2							
	STC	00903	03.62	34.50	27.77	00.483	1480.0							
	OBS	00904	03.62	34.50	27.77		1480.1							
	OBS	00951	03.62	34.50	27.77		1480.9							
	STO	01000	03.80	34.51	27.78	00.525	1481.6							
	OBS	01001	03.60	34.91	27.78		1481.6							
	OBS	01050	03.42	34.88	27.77		1481.7							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REF ID	31	8463	YEAR	1975	BD TOP	01759	AIR TEMP	04.8	DIR	HGT	PER	WIND-DIR	22	INST	STO	RECORDER	TEM	SO	1306	
CONSEC	0314		MCNTH	05	SHIP	EV	WET	BULB	03.8	20	2	5	WIND-SPO	16	TRACE	CJR	0	9	SQUARE	2
LAT	44	46.0N	DAY	27	DATA	USE	1	BAROMETER	1017.3	SEA		WIND-FOR		DURATION	00.3		2	SQUARE	46	
LONG	048	37.5W	HOUR	14.1	AREA	05		CLOUD	T/A	CL/TA		WEATHER	A2	DRWG	011	795	12	1	SQUARE	46

CASSTNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNORTH	SNO VEL	OAYG	PD4	TGT P	MO2	MO3	SID3	PH
14.1	STD	00000	01.92	33.33	26.66	00.000	1455.6							
	D85	00001	01.92	33.33	26.66		1455.7							
	STD	00010	01.95	33.32	26.65	00.014	1455.9							
	D85	00011	01.95	33.32	26.65		1455.9							
	STD	00020	01.96	33.34	26.67	00.028	1456.1							
	D85	00020	01.96	33.34	26.67		1456.2							
	STD	00030	01.98	33.34	26.67	00.042	1456.4							
	D85	00030	01.98	33.34	26.67		1456.4							
	STD	00050	01.90	33.52	26.82	00.068	1456.6							
	D85	00051	01.89	33.54	26.83		1456.6							
	STD	00075	01.49	33.95	27.19	00.094	1455.8							
	D85	00076	01.47	33.99	27.22		1455.8							
	STD	00100	01.54	34.14	27.34	00.115	1456.7							
	D85	00102	01.55	34.16	27.35		1456.8							
	STD	00125	01.68	34.31	27.46	00.132	1457.5							
	D85	00125	01.68	34.31	27.47		1456.0							
	STD	00150	01.84	34.34	27.48	00.14E	1459.1							
	D85	00150	01.84	34.34	27.48		1459.1							
	D85	00175	02.15	34.42	27.52		1461.0							
	STD	00200	02.28	34.46	27.54	00.177	1462.1							
	D85	00203	02.31	34.47	27.54		1462.2							
	D85	00226	02.51	34.52	27.57		1463.6							
	STD	00250	02.48	34.56	27.60	00.204	1463.9							
	D85	00251	02.48	34.56	27.60		1463.9							
	D85	00276	02.53	34.58	27.61		1464.6							
	STD	00300	02.51	34.58	27.62	00.230	1464.9							
	D85	00300	02.51	34.59	27.62		1464.9							
	D85	00314	03.51	34.80	27.66		1471.4							
	D85	00350	03.94	34.82	27.67		1472.1							
	STD	00400	03.96	34.84	27.68	00.276	1473.1							
	D85	00401	03.96	34.84	27.68		1473.1							
	D85	00451	04.02	34.87	27.70		1474.2							
	STD	00500	03.99	34.87	27.71	00.323	1474.9							
	D85	00500	03.99	34.87	27.71		1474.9							
	D85	00550	04.01	34.89	27.72		1475.8							
	STD	00600	03.56	34.90	27.73	00.367	1476.5							
	D85	00605	03.57	34.90	27.73		1476.6							
	D85	00651	03.81	34.88	27.73		1476.6							
	STD	00700	03.62	34.86	27.74	00.410	1476.6							
	D85	00704	03.62	34.86	27.74		1476.7							
	D85	00750	03.74	34.89	27.75		1478.0							
	STD	00800	03.67	34.88	27.75	00.453	1478.5							
	D85	00801	03.67	34.88	27.75		1478.6							
	D85	00852	03.56	34.87	27.75		1478.9							
	STD	00900	03.53	34.88	27.76	00.49E	1479.6							
	D85	00900	03.53	34.88	27.76		1479.6							
	D85	00951	03.49	34.88	27.76		1480.3							
	STD	01000	03.47	34.86	27.77	00.538	1481.0							
	D85	01003	03.47	34.86	27.77		1481.1							
	D85	01050	03.46	34.88	27.77		1481.8							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFID 31 8483	YEAR 1975	BO TOP D1029	AIR TEMP 03.8	DIR MGT PER	WIND-DIR 23	INST STG RECDRDER	TEN SQ 1306
CONSEC 0017	MONTH 05	SHIP EV	WET BULB 03.1	21 2 3	WIND-SPD 10	TRACE DIR 0	5 SQUARE 2
LAT 44 45.5N	DAY 27	DATA USE 1	BAROMETER 1017.5	SEA	WIND-FOR	DURATION GC.3	2 SQUARE 48
LONG 048 50.5W	MOU 18.1	AREA 05	CLOUD T/A	CL/TFR	WEATHER X2	DRIG 011 796 12	1 SQUARE 46

CSTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	PO4	TOT P	MO2	MO3	SIO3	PH
18.1	STO	00000	00.45	32.93	26.44	00.000	1448.5							
	OBS	00003	00.45	32.93	26.44		1448.5							
	STO	00010	00.43	32.92	26.43	00.012	1448.5							
	OBS	00011	00.42	32.92	26.43		1448.5							
	STO	00020	00.36	32.93	26.44	00.032	1448.4							
	OBS	00020	00.36	32.93	26.44		1448.4							
	STO	00030	00.32	32.95	26.46	00.048	1448.4							
	OBS	00030	00.32	32.95	26.46		1448.4							
	STO	00050	00.29	32.97	26.47	00.075	1448.6							
	OBS	00051	00.25	32.98	26.49		1448.5							
	OBS	00053	00.19	33.00	26.51		1448.3							
	OBS	00057	- 0.23	33.06	26.57		1446.5							
	OBS	00068	- 1.15	33.14	26.67		1442.5							
	OBS	00070	- 1.18	33.23	26.75		1442.5							
	STO	00075	- 1.12	33.26	26.77	00.115	1442.6							
	OBS	00076	- 1.10	33.27	26.78		1443.0							
	STO	00100	- 0.73	33.43	26.90	00.146	1445.4							
	OBS	00100	- 0.71	33.44	26.90		1445.5							
	STO	00125	- 0.09	33.66	27.04	00.173	1445.1							
	OBS	00127	- 0.03	33.66	27.05		1449.4							
	STO	00150	00.45	33.80	27.14	00.197	1452.1							
	OBS	00154	00.51	33.82	27.15		1452.5							
	OBS	00175	00.70	33.87	27.18		1453.8							
	STO	00200	00.55	33.55	27.23	00.242	1455.5							
	OBS	00201	00.57	33.96	27.23		1455.6							
	OBS	00228	01.18	34.07	27.31		1457.1							
	OBS	00241	01.25	34.12	27.34		1457.7							
	STO	00250	01.85	34.32	27.47	00.275	1459.6							
	OBS	00251	01.70	34.34	27.49		1460.2							
	OBS	00276	02.00	34.41	27.52		1462.0							
	STO	00300	02.11	34.46	27.55	00.305	1462.6							
	OBS	00300	02.11	34.46	27.55		1463.0							
	OBS	00352	02.11	34.47	27.56		1463.8							
	STO	00400	02.19	34.50	27.58	00.364	1465.0							
	OBS	00403	02.20	34.50	27.58		1465.1							
	OBS	00453	02.31	34.53	27.59		1466.4							
	STO	00500	02.70	34.64	27.65	00.415	1465.1							
	OBS	00502	02.72	34.65	27.65		1465.2							
	OBS	00552	03.20	34.76	27.70		1472.2							
	STO	00600	03.48	34.81	27.71	00.461	1474.3							
	OBS	00603	03.49	34.81	27.71		1474.4							
	OBS	00652	03.54	34.83	27.72		1475.5							
	STO	00700	03.54	34.85	27.74	00.505	1476.3							
	OBS	00700	03.54	34.85	27.74		1476.3							
	OBS	00750	03.54	34.85	27.74		1477.1							
	STO	00800	03.53	34.86	27.74	00.548	1477.9							
	OBS	00801	03.53	34.86	27.74		1477.9							
	OBS	00850	03.51	34.86	27.75		1478.7							
	STO	00900	03.47	34.86	27.75	00.561	1479.3							
	OBS	00902	03.47	34.86	27.75		1479.4							
	OBS	00951	03.44	34.86	27.75		1480.1							
	STO	01000	03.42	34.87	27.76	00.634	1480.6							
	OBS	01005	03.42	34.87	27.76		1480.6							
	OBS	01048	03.42	34.87	27.76		1481.6							

REFID 31 8463	YEAR 1975	BO TOP 00178	AIR TEMP 04.9	DIR MGT PER	WIND-DIR 21	INST STG RECDRDER	TEN SQ 1306
CONSEC 0018	MONTH 05	SHIP EV	WET BULB 03.8	21 2 2	WIND-SPD 06	TRACE DIR 0	5 SQUARE 2
LAT 44 51.5N	DAY 27	DATA USE 1	BAROMETER 1017.0	SEA	WIND-FOR	DURATION 00.1	2 SQUARE 46
LONG 045 05.0W	MOU 18.1	AREA 05	CLOUD T/A	CL/TFR	WEATHER A1	DRIG 011 757 11	1 SQUARE 49

CSTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	PO4	TOT P	MO2	MO3	SIO3	PH
18.1	STO	00000	00.51	32.88	26.37	00.000	1450.5							
	OBS	00003	00.91	32.88	26.37		1450.6							
	OBS	00007	00.88	32.87	26.36		1450.5							
	STO	00010	00.84	32.88	26.38	00.017	1450.4							
	OBS	00011	00.82	32.89	26.38		1450.3							
	STO	00020	00.68	32.88	26.38	00.033	1449.8							
	OBS	00020	00.67	32.88	26.38		1449.8							
	STO	00030	00.62	32.85	26.39	00.050	1449.7							
	OBS	00030	00.62	32.89	26.40		1449.7							
	OBS	00038	00.55	32.88	26.39		1449.5							
	OBS	00045	00.34	32.91	26.43		1448.7							
	STO	00050	00.07	32.94	26.46	00.082	1447.6							
	OBS	00053	- 0.10	32.96	26.49		1446.9							
	STO	00075	- 0.48	33.03	26.56	00.120	1445.6							
	OBS	00076	- 0.45	33.03	26.56		1445.5							
	STO	00100	- 0.54	33.10	26.62	00.156	1445.8							
	OBS	00102	- 0.56	33.11	26.63		1445.8							
	STO	00125	- 0.87	33.17	26.65	00.191	1444.8							
	OBS	00125	- 0.88	33.17	26.69		1444.7							
	OBS	00140	- 1.10	33.20	26.72		1444.0							
	STO	00150	- 0.98	33.32	26.81	00.224	1444.9							
	OBS	00150	- 0.97	33.32	26.81		1444.9							
	OBS	00175	- 0.74	33.40	26.87		1446.5							
	OBS	00177	- 0.74	33.41	26.88		1446.6							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFID 31 8463	YEAR 1975	BOTOP 00085	AIR TEMP 05.0	DIR HGT PER	WIND-DIR 18	INST STD RECORDER	TEN SQ 1306
CONSEC 0019	MONTH 05	SHIP EV	WET BULB 04.2	17 2 2	WIND-SPD 14	TRACE DIR C	5 SQUARE 2
LAT 44 53.5N	DAY 27	DATA USE 1	BAROMETR 1016.9	SEA	WIND-FOR	DURATION 00.1	2 SQUARE 48
LONG 049 15.0W	MOOR 15.3	AREA 05	CLOUD T/A	CL/7R	WEATHER A2	DRIG 011 758 15	1 SQUARE 49

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYMPTH	SND VEL	OXYG	PO4	TOT P	MO2	MO3	S103	PH
19.3	STD	00000	01.14	32.92	26.39	00.000	1451.6							
	CBS	00000	01.14	32.92	26.39		1451.6							
	STD	00010	00.90	32.92	26.40	00.016	1450.7							
	OBS	00010	00.90	32.92	26.40		1450.7							
	STD	00020	00.90	32.93	26.41	00.033	1450.8							
	OBS	00020	00.90	32.93	26.41		1450.8							
	STD	00030	00.85	32.93	26.41	00.049	1450.8							
	OBS	00030	00.85	32.93	26.41		1450.8							
	STD	00050	00.75	32.93	26.42	00.081	1450.7							
	OBS	00050	00.75	32.93	26.42		1450.7							
	OBS	00065	00.20	32.97	26.48		1448.5							

REFID 31 8463	YEAR 1975	BOTOP 00060	AIR TEMP 04.0	DIR HGT PER	WIND-DIR 14	INST STD RECORDER	TEN SQ 1306
CONSEC 0020	MONTH 05	SHIP EV	WET BULB 03.7	25 3 4	WIND-SPD 11	TRACE DIR 0	5 SQUARE 2
LAT 44 33.5N	DAY 27	DATA USE 1	BAROMETR 1016.0	SEA	WIND-FOR	DURATION 00.0	2 SQUARE 48
LONG 049 12.3W	MOOR 21.5	AREA 05	CLOUD T/A	CL/7R	WEATHER R5	DRIG 011 755 10	1 SQUARE 49

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYMPTH	SND VEL	OXYG	PO4	TOT P	MO2	MO3	S103	PH
21.5	STD	00000	01.13	32.85	26.33	00.000	1451.4							
	OBS	00001	01.13	32.85	26.33		1451.5							
	OBS	00005	01.02	32.84	26.33		1451.0							
	STD	00010	00.97	32.85	26.34	00.017	1450.9							
	OBS	00011	00.96	32.85	26.34		1450.9							
	STD	00020	00.95	32.85	26.34	00.034	1451.0							
	OBS	00020	00.95	32.85	26.34		1451.0							
	STD	00030	00.87	32.86	26.36	00.051	1450.8							
	OBS	00030	00.86	32.86	26.36		1450.7							
	OBS	00047	00.00	32.94	26.47		1447.2							
	STD	00050	- 00.04	32.95	26.48	00.083	1447.1							
	OBS	00051	- 00.05	32.96	26.49		1447.1							

REFID 31 8463	YEAR 1975	BOTOP 00053	AIR TEMP 04.1	DIR HGT PER	WIND-DIR 14	INST STD RECORDER	TEN SQ 1306
CONSEC 0021	MONTH 05	SHIP EV	WET BULB 03.8	95 X X	WIND-SPD 16	TRACE DIR 0	5 SQUARE 2
LAT 44 20.5N	DAY 27	DATA USE 1	BAROMETR 1015.9	SEA	WIND-FOR	DURATION 00.0	2 SQUARE 48
LONG 049 14.5W	MOOR 23.2	AREA 05	CLOUD T/A	CL/7R	WEATHER A6	DRIG 011 600	1 SQUARE 49

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYMPTH	SND VEL	OXYG	PO4	TOT P	MO2	MO3	S103	PH
23.2	STD	00000	01.16	32.83	26.32	00.000	1451.6							
	OBS	00001	01.16	32.83	26.32		1451.6							
	STD	00010	01.08	32.81	26.31	00.017	1451.3							
	OBS	00011	01.05	32.81	26.31		1451.2							
	STD	00020	00.78	32.81	26.32	00.034	1450.1							
	OBS	00020	00.75	32.81	26.32		1450.0							
	STD	00030	00.42	32.87	26.39	00.051	1448.8							
	OBS	00032	00.38	32.88	26.40		1448.6							
	OBS	00040	00.36	32.85	26.41		1448.7							
	OBS	00043	00.36	32.89	26.41		1448.7							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

N D O C S T A T I O N O A T A

REFID 31 8463 YEAR 1975 BOTOP 00422 AIR TEMP 03.9 DIR HGT PER WIND-DIR 12 INST STD RECORDER TEA SO 1306
 CONSEC 0322 MONTH 03 S-IP EV WET BULB 03.9 12 2 3 WIND-SPO 20 TRACE DIR 0 3 SQUARE 2
 LAT 44 06.0N DAY 28 DATA USE 1 BAROMETR 1012.3 SEA WIND-FOR DURATION 00.2 2 SQUARE 48
 LONG 045 13.2W HOUR 02.0 AREA 05 CLOUD T/A CL/TR WEATHER 86 DRWG 011 801 1 SQUARE 49

CASHTUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SNO VEL	DAYG	PO4	TOT P	MO2	MO3	SIO3	PH
02.0	STD	00000	00.84	32.84	26.34	00.000	1450.1							
	DBS	00001	00.84	32.84	26.34		1430.2							
	DBS	00003	00.86	32.83	26.33		1430.3							
	STD	00010	00.85	32.84	26.34	00.017	1450.3							
	DBS	00011	00.83	32.84	26.34		1450.3							
	STD	00020	00.82	32.84	26.36	00.034	1445.4							
	DBS	00020	00.59	32.84	26.36		1445.3							
	STD	00030	00.29	32.90	26.42	00.050	1448.2							
	DBS	00030	00.26	32.50	26.42		1448.1							
	DBS	00036	- 0.13	32.93	26.48		1446.4							
	STD	00050	- 0.33	33.01	26.54	00.082	1445.7							
	DBS	00051	- 0.36	33.01	26.54		1445.7							
	STD	00075	- 0.40	33.04	26.56	00.119	1445.9							
	DBS	00076	- 0.41	33.04	26.57		1445.9							
	STD	00100	- 0.70	33.14	26.65	00.155	1445.1							
	DBS	00100	- 0.70	33.14	26.66		1445.1							
	STD	00125	- 0.61	33.23	26.72	00.189	1446.1							
	DBS	00125	- 0.61	33.23	26.73		1446.1							
	DBS	00144	- 0.84	33.34	26.82		1445.5							
	STD	00150	- 0.81	33.35	26.83	00.220	1445.7							
	DBS	00152	- 0.80	33.36	26.84		1445.8							
	DBS	00177	- 0.56	33.46	26.91		1447.5							
	STD	00200	- 0.25	33.58	27.00	00.277	1445.5							
	DBS	00201	- 0.23	33.59	27.00		1445.6							
	DBS	00226	00.02	33.64	27.03		1451.2							
	STD	00250	00.32	33.77	27.12	00.328	1453.2							
	DBS	00251	00.34	33.78	27.13		1453.3							
	DBS	00276	00.88	33.66	27.24		1456.4							
	STD	00300	01.42	34.13	27.34	00.370	1459.4							
	DBS	00304	01.60	34.22	27.40		1460.4							
	DBS	00312	01.56	34.41	27.52		1462.4							
	DBS	00316	02.34	34.43	27.53		1464.2							
	DBS	00333	02.53	34.53	27.57		1463.4							
	DBS	00336	03.04	34.66	27.63		1467.9							
	DBS	00350	03.10	34.70	27.66		1468.4							
	DBS	00390	03.26	34.74	27.67		1469.9							

REFID 31 8463 YEAR 1975 BOTOP 00104 AIR TEMP 05.3 DIR HGT PER WIND-DIR 08 INST STD RECORDER TEA SO 1306
 CONSEC 0023 MONTH 05 S-IP EV WET BULB 05.5 08 1 2 WIND-SPO 22 TRACE DIR 0 3 SQUARE 2
 LAT 44 05.0N DAY 28 DATA USE 1 BAROMETR 1010.8 SEA WIND-FOR DURATION 00.1 2 SQUARE 48
 LONG 049 05.0W HOUR 03.3 AREA 05 CLOUD T/A CL/TR WEATHER 86 DRWG 011 802 1 SQUARE 49

CASHTUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SNO VEL	DAYG	PO4	TOT P	MO2	MO3	SIO3	PH
03.3	STD	00000	00.84	32.82	26.33	00.000	1450.1							
	DBS	00007	00.84	32.82	26.33		1430.2							
	STD	00010	00.84	32.82	26.33	00.017	1450.3							
	DBS	00011	00.84	32.82	26.33		1450.3							
	STD	00020	00.79	32.82	26.33	00.034	1450.2							
	DBS	00020	00.75	32.82	26.33		1450.2							
	DBS	00024	00.81	32.81	26.32		1450.4							
	STD	00030	00.74	32.84	26.35	00.051	1450.2							
	DBS	00030	00.73	32.84	26.35		1450.1							
	DBS	00047	- 0.23	32.93	26.47		1446.1							
	STD	00050	- 0.30	32.96	26.50	00.083	1445.9							
	DBS	00051	- 0.34	32.98	26.51		1445.8							
	STD	00075	- 0.94	33.17	26.69	00.120	1443.6							
	DBS	00076	- 0.93	33.18	26.70		1443.6							
	DBS	00097	- 0.86	33.33	26.82		1444.6							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

N O D C S T A T I O N O A T A

REFID 31 8463	YEAR 1975	BDTDP 01432	AIR TEMP 05.4	DJA FCT PER	WIND-CIR 14	INST STO RECORDER	TEN SC 1306
CONSEC 0024	MONTH 03	SHIP EV	MET BULB 05.4	14 2 3	WIND-SPD 16	TRACE CIR 0	5 SQUARE 2
LA" 44 05.5N	DAY 20	DATA USE 1	BAROMETR 1009.2	SEA	WIND-FOR	DURATION 00.3	2 SQUARE 48
LONG 046 52.0W	MOOR 04.8	AREA 05	CLCUD T/A	CL/TR	WEATHER X0	ORIG 011 603	1 SQUARE 46

CASUMM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	DAYG	PD4	TOT T	N02	N03	S103	PH
04.8	STD	C0000	00.93	32.02	26.32	00.000	1450.5							
	OBS	00001	00.93	32.02	26.32		1450.5							
	STD	00010	00.91	32.02	26.33	00.017	1450.6							
	OBS	00011	00.89	32.03	26.33		1450.5							
	STD	00020	00.66	32.50	26.40	00.034	1449.7							
	OBS	00020	00.64	32.91	26.41		1449.7							
	STD	00030	00.52	32.56	26.46	00.050	1449.3							
	OBS	C0050	00.51	32.96	26.46		1449.3							
	OBS	00043	- 0.02	32.91	26.44		1447.0							
	OBS	00049	- 1.11	33.03	26.38		1442.2							
	STD	00050	- 1.14	33.05	26.60	00.080	1442.1							
	OBS	00051	- 1.22	33.11	26.65		1441.6							
	OBS	00062	- 1.45	33.22	26.75		1441.1							
	STD	00075	- 1.53	33.28	26.75	00.114	1441.5							
	OBS	00076	- 1.32	33.28	26.79		1442.0							
	STD	00100	- 1.01	33.38	26.86	00.145	1444.0							
	OBS	00100	- 1.00	33.38	26.86		1444.1							
	STD	00125	- 0.59	33.48	26.93	00.174	1446.5							
	OBS	00125	- 0.58	33.48	26.93		1446.6							
	STD	00150	- 0.23	33.58	26.99	00.201	1448.8							
	OBS	00150	- 0.22	33.58	26.99		1448.8							
	OBS	00175	00.21	33.72	27.08		1451.4							
	STD	00200	00.61	33.86	27.18	00.231	1453.8							
	OBS	00203	00.67	33.89	27.20		1454.2							
	OBS	00228	01.14	34.11	27.34		1457.0							
	STD	00250	01.57	34.26	27.44	00.290	1459.5							
	OBS	00251	01.59	34.27	27.44		1459.6							
	OBS	00276	01.77	34.33	27.47		1460.5							
	STD	00300	02.00	34.41	27.52	00.321	1462.4							
	OBS	00302	02.02	34.42	27.53		1462.5							
	OBS	00350	02.42	34.54	27.59		1465.2							
	OBS	00382	03.01	34.70	27.67		1468.5							
	STD	00400	03.05	34.72	27.67	00.373	1469.2							
	OBS	00403	03.10	34.72	27.67		1469.3							
	OBS	00451	03.28	34.75	27.68		1470.5							
	STD	C0500	03.36	34.77	27.69	00.415	1472.1							
	OBS	00502	03.36	34.77	27.69		1472.1							
	OBS	C0550	03.36	34.78	27.70		1472.9							
	STD	00600	03.47	34.82	27.72	00.463	1474.3							
	OBS	00601	03.47	34.82	27.72		1474.3							
	OBS	00652	03.33	34.83	27.72		1475.4							
	STD	00700	03.54	34.84	27.73	00.507	1476.3							
	OBS	00700	03.54	34.84	27.73		1476.3							
	OBS	00750	03.56	34.85	27.73		1477.2							
	STD	00800	03.56	34.85	27.73	00.551	1478.0							
	OBS	00801	03.56	34.85	27.73		1478.0							
	OBS	00852	03.56	34.86	27.74		1478.9							
	STD	00900	03.54	34.86	27.74	00.555	1479.6							
	OBS	00904	03.54	34.86	27.74		1479.7							
	OBS	00951	03.53	34.87	27.75		1480.4							
	STD	01000	03.51	34.87	27.75	00.635	1481.2							
	OBS	01003	03.51	34.87	27.75		1481.2							
	OBS	01005	03.51	34.86	27.75		1481.2							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

NOOC STATION DATA

REFID 31 8463	YEAR 1975	BOTOP 01450	AIR TEMP 03.6	OIR MGT PER	WIND-OIR 21	INST STC RECORDER	TEN 56 1306
CONSEC 0325	MCNTH 05	SHIP EV	WET BULB 03.6	21 2 2	WIND-SPO 12	TRACE OIR 0	5 SQUARE 2
LA" 44 05.0N	OAT 20	DATA USE 1	BAROMETR 1005.0	SEA	WIND-FOR	DURATION 00.4	2 SQUARE 40
LONG 048 35.0W	HOOR 06.7	AREA 05	CLOUD 7/A	CL/7R	WEATHER 14	ORIG 011 804	1 SQUARE 48

CASINUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SMO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STO	00000	01.86	33.14	26.52	00.000	1455.1							
06.7	085	00003	01.86	33.14	26.52		1455.2							
	STO	00010	01.84	33.15	26.52	00.015	1455.2							
	085	00011	01.84	33.15	26.53		1455.2							
	STO	00020	01.83	33.17	26.54	00.030	1455.3							
	085	00020	01.83	33.17	26.54		1455.3							
	STO	00030	01.82	33.26	26.61	00.045	1455.6							
	085	00030	01.82	33.26	26.61		1455.6							
	085	00036	01.59	33.28	26.65		1454.7							
	STO	00050	01.50	33.50	26.83	00.072	1454.8							
	085	00051	01.49	33.51	26.84		1454.8							
	085	00057	01.56	33.54	26.86		1455.3							
	085	00068	00.72	33.56	26.93		1451.7							
	085	00070	00.89	33.55	26.94		1452.5							
	STO	00075	00.82	33.60	26.95	00.101	1452.3							
	085	00076	00.81	33.60	26.95		1452.3							
	STO	00100	00.99	33.77	27.08	00.127	1453.7							
	085	00100	00.99	33.78	27.05		1453.8							
	085	00108	00.98	33.91	27.19		1454.0							
	085	00118	01.66	34.14	27.33		1457.5							
	085	00121	02.55	34.20	27.31		1461.6							
	085	00123	02.76	34.23	27.31		1462.6							
	STO	00125	02.78	34.24	27.32	00.145	1462.7							
	085	00125	02.75	34.24	27.32		1462.7							
	STO	00150	03.00	34.33	27.37	00.168	1464.2							
	085	00150	03.01	34.33	27.37		1464.2							
	085	00169	03.32	34.43	27.42		1466.0							
	085	00177	03.28	34.46	27.45		1466.0							
	STO	00200	03.49	34.54	27.50	00.202	1467.4							
	085	00201	03.51	34.55	27.50		1467.5							
	085	00226	03.81	34.63	27.53		1465.3							
	085	00241	04.15	34.71	27.56		1471.1							
	STO	00250	04.07	34.70	27.56	00.231	1470.9							
	085	00251	04.06	34.70	27.56		1470.8							
	085	00276	04.05	34.76	27.61		1471.3							
	STO	00300	04.35	34.82	27.62	00.258	1473.2							
	085	00300	04.40	34.82	27.62		1473.2							
	085	00352	04.46	34.87	27.65		1474.4							
	STO	00400	04.54	34.92	27.68	00.306	1475.6							
	085	00403	04.55	34.92	27.68		1475.7							
	085	00451	04.05	34.84	27.68		1474.3							
	STO	00500	04.15	34.90	27.71	00.352	1475.6							
	085	00500	04.15	34.90	27.71		1475.6							
	085	00552	04.08	34.90	27.72		1476.2							
	STO	00600	04.03	34.91	27.73	00.395	1476.8							
	085	00603	04.03	34.91	27.73		1476.8							
	085	00652	03.97	34.91	27.74		1477.4							
	STO	00700	03.96	34.93	27.76	00.438	1478.2							
	085	00700	03.96	34.93	27.76		1478.2							
	085	00750	03.94	34.92	27.75		1478.5							
	STO	00800	03.83	34.91	27.75	00.480	1479.3							
	085	00801	03.83	34.91	27.75		1479.3							
	085	00850	03.81	34.91	27.76		1480.0							
	STO	00900	03.72	34.91	27.76	00.523	1480.4							
	085	00900	03.72	34.91	27.77		1480.5							
	085	00951	03.65	34.91	27.77		1481.0							
	STO	01000	03.65	34.91	27.77	00.565	1481.8							
	085	01001	03.65	34.91	27.77		1481.8							
	085	01048	03.63	34.91	27.77		1482.5							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

N D O C S T A T I O N O A T A

REFID 31 8463	YEAR 1975	SOTOP 03175	AIR TEMP 04.7	DIP HGT PER	WIND-DIR 25	INST STO RECORDER	TEM SG 1306
CONSEC 0028	MONTH 05	SNIP EV	WET BULB 04.6	25 2 3	WIND-SPO 17	TRACE 01A	9 SQUARE 2
LAT 44 04.7M	DAY 28	DATA USE 1	BAROMETR 1010.1	SEA	WIND-FOR	DURATION 00.4	2 SQUARE 48
LONG 048 24.2W	MOOR 08.7	AREA 05	CLCUD T/A	CL/TR	WEATHER A4	CRIG 011 805	1 SQUARE 48

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	CYNDPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
08.7	STO	C0000	03.69	33.23	26.43	00.000	1463.2							
	OBS	00001	03.65	33.23	26.43		1463.2							
	STO	C0010	03.60	33.23	26.44	00.016	1462.9							
	OBS	00011	03.56	33.22	26.44		1462.8							
	OBS	00015	03.42	33.20	26.43		1462.2							
	STO	C0020	03.11	33.22	26.46	00.032	1461.0							
	OBS	00020	03.07	33.22	26.48		1460.8							
	STO	C0030	02.92	33.23	26.50	00.047	1460.4							
	OBS	00030	02.50	33.23	26.51		1460.3							
	OBS	00043	01.65	33.33	26.68		1455.1							
	OBS	00045	00.82	33.34	26.75		1451.5							
	OBS	00045	00.25	33.42	26.84		1449.1							
	STO	C0050	00.18	33.42	26.84	00.075	1448.8							
	OBS	00053	- 0.19	33.42	26.86		1447.1							
	OBS	00057	- 0.45	33.51	26.95		1446.1							
	OBS	00062	- 0.18	33.60	27.01		1447.6							
	OBS	00064	00.24	33.68	27.05		1449.6							
	STO	C0075	00.38	33.79	27.14	00.102	1450.6							
	OBS	00076	00.40	33.82	27.15		1450.7							
	OBS	00078	01.00	33.87	27.16		1453.5							
	OBS	00085	01.05	33.98	27.24		1454.1							
	OBS	00085	01.50	34.08	27.26		1458.0							
	OBS	00093	03.06	34.19	27.26		1463.3							
	STO	C0100	03.70	34.27	27.26	00.124	1466.3							
	OBS	00102	03.73	34.30	27.28		1466.5							
	OBS	00104	03.67	34.28	27.27		1466.2							
	OBS	00108	03.08	34.22	27.28		1463.7							
	OBS	C0110	02.76	34.17	27.27		1462.3							
	STO	C0125	03.32	34.37	27.37	00.143	1465.2							
	OBS	00125	03.33	34.37	27.37		1465.2							
	OBS	00140	03.24	34.38	27.39		1465.1							
	OBS	00144	03.67	34.46	27.41		1467.1							
	OBS	00148	03.02	34.38	27.41		1464.3							
	STO	C0150	02.53	34.37	27.41	00.161	1463.9							
	OBS	00150	02.91	34.37	27.41		1463.8							
	OBS	00175	02.55	34.40	27.47		1462.7							
	OBS	00190	02.74	34.45	27.45		1463.6							
	OBS	00198	02.96	34.46	27.48		1465.0							
	STO	C0200	03.01	34.53	27.53	00.193	1465.3							
	OBS	00201	03.08	34.57	27.56		1465.7							
	OBS	00207	03.50	34.59	27.53		1467.6							
	OBS	00213	03.51	34.59	27.53		1467.7							
	OBS	00217	04.05	34.68	27.55		1470.2							
	OBS	00226	03.88	34.63	27.53		1465.6							
	OBS	00232	03.47	34.61	27.55		1467.9							
	OBS	00234	03.45	34.64	27.58		1467.9							
	OBS	00237	04.10	34.74	27.59		1470.8							
	STO	C0250	04.05	34.72	27.58	00.221	1470.8							
	OBS	00251	04.05	34.72	27.58		1470.6							
	OBS	00276	04.23	34.78	27.61		1472.1							
	OBS	00283	04.28	34.79	27.61		1472.4							
	OBS	00287	04.50	34.84	27.63		1473.5							
	STO	C0300	04.53	34.83	27.62	00.247	1473.8							
	OBS	00300	04.53	34.83	27.62		1473.8							
	OBS	00331	04.03	34.78	27.63		1472.1							
	OBS	00335	04.58	34.87	27.64		1474.6							
	OBS	00352	04.55	34.88	27.65		1474.8							
	OBS	00354	04.39	34.84	27.64		1474.1							
	STO	C0400	04.45	34.91	27.68	00.296	1475.4							
	OBS	00401	04.45	34.91	27.68		1475.4							
	OBS	00451	04.48	34.92	27.69		1476.2							
	STO	C0500	04.48	34.93	27.70	00.342	1476.9							
	OBS	00502	04.46	34.93	27.70		1477.0							
	OBS	00550	04.35	34.94	27.72		1477.3							
	STO	C0600	04.19	34.93	27.73	00.387	1477.5							
	OBS	00601	04.15	34.93	27.73		1477.5							
	OBS	00651	04.42	34.98	27.75		1479.3							
	STO	C0700	04.44	34.99	27.75	00.430	1480.2							
	OBS	00700	04.44	34.99	27.75		1480.2							
	OBS	00750	04.19	34.98	27.76		1480.0							
	STO	C0800	04.22	34.98	27.77	00.473	1481.0							
	OBS	00803	04.22	34.98	27.77		1481.0							
	OBS	00852	04.12	34.97	27.77		1481.4							
	STO	C0900	04.08	34.97	27.78	00.515	1482.0							
	OBS	00902	04.08	34.97	27.78		1482.1							
	OBS	00953	04.05	34.97	27.78		1482.8							
	STO	C1000	03.97	34.97	27.79	00.557	1483.3							
	OBS	01003	03.97	34.97	27.79		1483.3							
	OBS	01054	03.95	34.97	27.79		1484.1							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

N C O C S T A T I O N C A T A									
REFID 31 8-63	YEAR 1973	BCTOP 03-66	AIR TEMP 05.6	OIR MGT PER	WIND-OIR 25	INST STO RECORER	TEM 50 1304		
CONSEC 0027	MONTH 05	SHIP EV	WET BULB 05.6	16 2 4	WIND-SPD 10	TRACE OIR	5 SQUARE 2		
LA" 44 06.0N	DAY 28	DATA USE 1	BAROMETER 1010.6	SEA	WIND-FOR	DURATION 00.5	2 SQUARE 48		
LONG 048 10.0E	MOON 10.7	AREA 05	CLCUD 7/A	CL/T/A	WEATHER 34	OR 16 011 806	1 SQUARE 48		
CASNUM/TIME	LVLTY	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	PO4	TOT P
	STD	00000	03.45	33.12	26.37	00.000	1462.0		
10.7	OBS	00003	03.45	33.12	26.37		1462.1		
	STD	00010	03.40	33.10	26.36	00.017	1461.6		
	OBS	00011	03.39	33.10	26.36		1461.9		
	STD	00020	03.38	33.11	26.37	00.033	1462.0		
	OBS	00020	03.34	33.11	26.37		1461.8		
	OBS	00024	03.08	33.04	26.34 *		1460.7		
	STD	00030	02.05	33.09	26.47	00.050	1456.4		
	OBS	00030	02.02	33.13	26.50		1456.3		
	OBS	00032	01.99	33.31	26.64		1456.4		
	OBS	00036	04.36 P	33.49	26.570*				
	OBS	00040	04.42 P	33.56	26.620				
	OBS	00045	01.90	33.33	26.67		1456.3		
	OBS	00049	01.81	33.45	26.77		1456.1		
	STD	00050	01.85	33.47	26.78	00.078	1456.3		
	OBS	00051	01.95	33.53	26.82		1456.9		
	OBS	00059	02.43	33.64	26.87		1459.3		
	OBS	00060	02.17	33.63	26.88		1458.1		
	OBS	00066	02.15	33.68	26.93		1458.2		
	OBS	00068	01.84	33.65	26.93		1456.0		
	OBS	00074	00.67	33.67	27.02		1451.7		
	STD	00075	00.83	33.69	27.03	00.107	1452.5		
	OBS	00076	01.02	33.72	27.04		1453.4		
	OBS	00081	01.23	33.75	27.05		1454.5		
	OBS	00083	00.62	33.64	27.00 *		1451.6		
	OBS	00085	00.37	33.73	27.08		1450.7		
	OBS	00095	00.80	33.84	27.15		1453.0		
	STD	00100	00.95	33.87	27.16	00.132	1453.8		
	OBS	00100	01.14	33.90	27.17		1454.6		
	OBS	00116	02.02	34.02	27.21		1458.6		
	STD	00125	01.90	34.06	27.25	00.153	1458.6		
	OBS	00125	01.89	34.07	27.26		1458.6		
	OBS	00129	02.04	34.12	27.29		1459.4		
	OBS	00135	02.46	34.18	27.30		1461.4		
	OBS	00139	03.10	34.27	27.32		1464.3		
	STD	00150	03.52	34.39	27.37	00.173	1466.5		
	OBS	00150	03.53	34.39	27.37		1466.5		
	OBS	00154	03.60	34.35	27.36		1466.5		
	OBS	00156	03.24	34.33	27.35		1465.3		
	OBS	00161	03.35	34.36	27.36		1465.9		
	OBS	00165	03.67	34.42	27.38		1467.4		
	OBS	00175	03.47	34.39	27.38		1466.7		
	OBS	00182	03.01	34.36	27.40		1464.8		
	STD	00200	02.85	34.38	27.42	00.208	1464.4		
	OBS	00203	02.77	34.38	27.43		1464.1		
	OBS	00205	02.72	34.36	27.42		1463.9		
	OBS	00211	03.01	34.43	27.45		1465.4		
	OBS	00217	03.15	34.46	27.46		1466.1		
	OBS	00222	02.77	34.41	27.46		1464.5		
	OBS	00226	02.70	34.39	27.45		1464.2		
	OBS	00232	02.86	34.41	27.45		1465.0		
	OBS	00236	02.74	34.44	27.48		1464.6		
	OBS	00245	02.57	34.54	27.34		1463.9		
	STD	00250	03.74	34.62	27.53	00.240	1469.4		
	OBS	00253	03.85	34.63	27.53		1469.5		
	OBS	00257	03.49	34.58	27.53		1468.4		
	OBS	00262	03.38	34.57	27.53		1468.0		
	OBS	00276	03.85	34.68	27.57		1470.3		
	OBS	00279	03.85	34.64	27.54 *		1470.3		
	OBS	00285	03.52	34.61	27.55		1469.0		
	OBS	00297	04.48	34.78	27.58		1473.5		
	STD	00300	04.49	34.77	27.57	00.268	1473.5		
	OBS	00300	04.46	34.77	27.57		1473.5		
	OBS	00302	04.44	34.77	27.58		1473.4		
	OBS	00310	03.88	34.69	27.57		1471.0		
	OBS	00312	03.83	34.69	27.58		1470.9		
	OBS	00342	03.64	34.71	27.61		1470.6		
	OBS	00346	03.65	34.73	27.63		1470.7		
	OBS	00350	03.97	34.76	27.62		1472.2		
	OBS	00359	03.90	34.75	27.62		1472.0		
	OBS	00395	04.24	34.86	27.67		1474.2		
	OBS	00399	04.52	34.92	27.69		1475.5		
	STD	00400	04.53	34.92	27.68	00.315	1475.5		
	OBS	00401	04.56	34.90	27.67		1475.7		
	OBS	00447	04.46	34.93	27.70		1476.1		
	OBS	00451	04.65	34.94	27.68		1477.1		
	OBS	00468	04.74	34.95	27.69		1477.6		
	STD	00500	04.78	34.97	27.70	00.355	1478.3		
	OBS	00500	04.78	34.97	27.70		1478.3		
	OBS	00550	04.73	34.99	27.72		1475.0		
	STD	00600	04.63	34.98	27.72	00.411	1475.3		
	OBS	00603	04.62	34.98	27.72		1475.4		
	OBS	00652	04.55	34.99	27.74		1475.9		
	STD	00700	04.45	34.95	27.73	00.455	1480.5		
	OBS	00700	04.49	34.99	27.75		1480.5		
	OBS	00750	04.39	34.95	27.76		1480.9		
	STD	00800	04.30	34.95	27.77	00.458	1481.3		
	OBS	00803	04.30	34.95	27.77		1481.4		
	OBS	00850	04.24	34.98	27.77		1481.9		
	STD	00900	04.19	34.98	27.77	00.541	1482.5		
	OBS	00902	04.19	34.98	27.77		1482.5		
	OBS	00933	04.09	34.98	27.78		1483.0		
	STD	01000	03.97	34.96	27.78	00.583	1483.2		
	OBS	01001	03.97	34.96	27.78		1483.3		
	OBS	01050	03.87	34.95	27.78		1483.6		

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA														
REFID 31 8463	YEAR 1975	BOTOP 03475	AIA TEMP 05.0	OIA HGT PER	WIND-OIR 06	INST STO RECORDER	TEN SU 1306							
CONSEC 0028	MOYTH 05	S-1P EV	WET BULB 05.0	01 2 4	WIND-SPD 16	TRACE DIA 00.0	5 SQUARE 2							
LAT 44 05.44	OAY 28	DATA USE 1	BAROMETR 1009.0	SEA	WIND-FCA	DURATION 00.5	2 SQUARE 46							
LCNG 047 57.04	MOUR 12.8	AREA 05	CLOUD T/A	CL/TR	WEATHER R4	CALC 011 807 13	1 SQUARE 47							
CASHTHUR/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	OXYG	PO4	TOT P	MO2	NO3	SIO3	PH
12.8	STO	00030	03.35	33.09	26.35	00.000	1461.5							
	085	00003	03.35	33.09	26.35		1461.6							
	085	00007	03.33	33.08	26.35		1461.5							
	STO	00010	03.33	33.08	26.35	00.017	1461.6							
	085	00013	03.33	33.11	26.37		1461.7							
	085	00015	03.31	33.14	26.40		1461.7							
	085	00017	03.35	33.18	26.43		1461.9							
	STO	00020	03.56	33.29	26.50	00.033	1463.0							
	085	00020	03.67	33.33	26.51		1463.6							
	085	00024	04.38	33.50	26.58		1466.8							
	STO	00030	04.93	33.63	26.62	00.048	1469.4							
	085	00030	04.97	33.64	26.62		1469.6							
	085	00045	05.42	33.76	26.67		1471.8							
	085	00047	05.46	33.93	26.80		1472.3							
	085	00049	07.13	34.19	26.78		1475.3							
	STO	00050	07.04	34.18	26.75	00.075	1478.5							
	085	00055	06.10	34.05	26.81		1475.1							
	085	00057	04.89	33.86	26.81		1470.0							
	085	00059	05.12	34.18	27.03		1471.4							
	085	00060	06.28	34.40	27.06		1476.4							
	085	00062	06.57	34.43	27.05		1477.6							
	085	00066	07.55	34.62	27.06		1481.8							
	STO	00075	07.52	34.60	27.05	00.104	1481.8							
	085	00076	07.52	34.60	27.05		1481.8							
	STO	00100	07.40	34.62	27.08	00.129	1481.8							
	085	00100	07.39	34.62	27.09		1481.7							
	085	00106	07.29	34.62	27.10		1481.4							
	085	00108	07.00	34.58	27.11		1480.3							
	STO	00125	07.37	34.69	27.14	00.154	1482.1							
	085	00125	07.38	34.69	27.14		1482.2							
	STO	00153	07.37	34.74	27.19	00.177	1482.6							
	085	00152	07.37	34.75	27.19		1482.7							
	085	00178	07.63	34.84	27.22		1484.2							
	085	00150	07.45	34.81	27.23		1483.7							
	085	00159	06.91	34.74	27.25		1481.6							
	STO	00200	06.91	34.74	27.25	00.222	1481.6							
	085	00201	06.87	34.76	27.27		1481.5							
	085	00205	06.86	34.77	27.28		1481.6							
	085	00218	07.14	34.83	27.29		1483.0							
	085	00222	06.93	34.82	27.31		1482.2							
	085	00226	06.92	34.83	27.32		1482.2							
	085	00230	06.67	34.75	27.32		1481.3							
	085	00237	06.14	34.65	27.31		1475.1							
	085	00241	04.92	34.50	27.31		1474.0							
	085	00245	04.42	34.50	27.37		1472.0							
	STO	00250	04.39	34.50	27.37	00.262	1471.5							
	085	00253	04.25	34.50	27.38		1471.6							
	085	00260	04.44	34.56	27.41		1472.4							
	085	00264	04.79	34.62	27.42		1474.0							
	085	00270	04.65	34.58	27.40		1473.5							
	085	00276	03.66	34.46	27.41		1469.2							
	085	00297	03.61	34.54	27.48		1469.5							
	STO	00300	03.68	34.55	27.49	00.296	1469.8							
	085	00302	03.77	34.57	27.49		1470.3							
	085	00310	04.19	34.62	27.49		1472.2							
	085	00323	04.30	34.67	27.51		1473.0							
	085	00331	04.62	34.71	27.51		1474.5							
	085	00346	04.45	34.73	27.54		1474.2							
	085	00356	05.07	34.85	27.57		1477.0							
	085	00371	05.28	34.88	27.57		1478.1							
	085	00362	04.08	34.72	27.58		1473.1							
	085	00394	04.13	34.74	27.55		1473.5							
	STO	00400	04.10	34.71	27.57	00.356	1473.5							
	085	00407	03.89	34.65	27.57		1472.7							
	085	00411	03.71	34.68	27.58		1472.0							
	085	00428	03.99	34.80	27.65		1473.6							
	085	00434	04.24	34.84	27.66		1474.8							
	085	00447	04.51	34.86	27.64		1476.2							
	085	00451	04.51	34.86	27.64		1476.2							
	STO	00500	04.65	34.91	27.67	00.409	1477.7							
	085	00500	04.65	34.91	27.67		1477.7							
	085	00531	04.60	34.93	27.69		1478.0							
	085	00538	04.83	34.95	27.71		1479.2							
	085	00550	04.83	34.97	27.69		1479.3							
	STO	00600	04.76	34.98	27.71	00.457	1479.5							
	085	00601	04.76	34.98	27.71		1479.5							
	085	00656	04.57	34.96	27.71		1480.0							
	STO	00700	04.58	34.98	27.73	00.503	1480.8							
	085	00704	04.58	34.98	27.73		1480.8							
	085	00753	04.51	34.99	27.74		1481.4							
	STO	00800	04.44	34.95	27.75	00.548	1481.9							
	085	00801	04.44	34.99	27.75		1481.9							
	085	00850	04.37	34.99	27.76		1482.5							
	STO	00900	04.28	34.98	27.76	00.552	1482.5							
	085	00900	04.28	34.98	27.76		1482.5							
	085	00953	04.21	34.98	27.77		1483.5							
	STO	01000	04.12	34.98	27.78	00.635	1483.9							
	085	01001	04.12	34.98	27.78		1483.9							
	085	01048	04.07	34.98	27.76		1484.5							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

N C O C S T A T I D A D A T A

REFID 31	8463	YEAR 1975	80TOP 03522	AIR TEMP 07.5	OIR HGT PER	WIND-OIR 32	INST STD RECORDER	TEN SO 1306
CONSEC	0025	MONTH 05	SHIP EV	WET BULB 05.9	19 2 3	WIND-SPD 10	TRACE OIR G	5 SQUARE 2
LAT 44 20.8N		DAY 26	DATA USE 1	BAROMETR 1005.5	SEA	WIND-FDR	DURATION	2 SQUARE 46
LONG 047 55.5W		HOOR 15.7	AREA 05	CLOUD T/A	CL/TX	WEATHER X4	DRG G11 808 1	1 SQUARE 47

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SNO VEL	DRYG	PO4	TCT P	NO2	NO3	S103	PH
STD	00000	06.09	33.79	26.61	00.000	1473.6								
OBS	00005	06.09	33.79	26.61		1473.9								
STD	00010	06.11	33.82	26.63	00.014	1474.1								
OBS	00011	06.11	33.83	26.64		1474.2								
OBS	00015	06.32	33.86	26.65		1475.1								
STD	00020	06.95	34.01	26.67	00.028	1477.5								
OBS	00020	07.16	34.06	26.69		1478.9								
OBS	00024	08.50	34.51	26.83		1484.6								
OBS	00026	08.36	34.50	26.84		1484.2								
OBS	00026	10.00	34.96	26.94		1490.8								
STD	00030	10.02	34.96	26.94	00.041	1490.5								
OBS	00036	10.31	34.95	26.88		1492.1								
OBS	00043	10.68	35.06	26.90		1493.6								
STD	00050	10.79	35.06	26.88	00.064	1494.1								
OBS	00051	10.81	35.06	26.88		1494.2								
STD	00075	11.01	35.13	26.90	00.094	1495.4								
OBS	00075	11.05	35.16	26.91		1495.7								
OBS	00087	11.10	35.21	26.94		1496.0								
OBS	00089	10.81	35.13	26.93		1494.5								
OBS	00097	10.15	35.07	27.00		1492.6								
STD	00100	10.11	35.08	27.02	00.122	1492.5								
OBS	00100	10.11	35.09	27.02		1492.6								
OBS	00108	10.31	35.16	27.04		1493.5								
OBS	00114	10.12	35.12	27.04		1492.8								
OBS	00119	10.10	35.13	27.06		1492.9								
STD	00125	09.54	35.08	27.05	00.145	1492.3								
OBS	00125	09.52	35.08	27.05		1492.3								
STD	00150	08.95	34.95	27.11	00.174	1496.5								
OBS	00152	08.92	34.92	27.09		1486.8								
OBS	00154	08.50	34.85	27.07		1486.7								
OBS	00167	08.58	34.83	27.07		1487.7								
OBS	00177	08.22	34.79	27.10		1486.4								
OBS	00178	07.76	34.71	27.10		1484.6								
OBS	00182	07.63	34.71	27.12		1484.2								
OBS	00190	08.03	34.84	27.16		1486.0								
STD	00200	08.10	34.85	27.16	00.223	1486.4								
OBS	00201	08.11	34.85	27.16		1486.5								
OBS	00207	07.75	34.75	27.17		1485.1								
OBS	00230	07.11	34.70	27.19		1482.9								
STD	00250	07.31	34.83	27.26	00.266	1484.1								
OBS	00251	07.32	34.84	27.27		1484.2								
OBS	00270	07.46	34.91	27.30		1485.2								
OBS	00276	07.35	34.50	27.31		1485.0								
OBS	00295	06.65	34.75	27.29		1482.2								
OBS	00296	06.05	34.71	27.34		1479.8								
STD	00300	05.95	34.71	27.35	00.305	1475.6								
OBS	00300	05.56	34.71	27.35		1475.5								
OBS	00310	05.85	34.82	27.45		1475.5								
OBS	00314	06.10	34.85	27.44		1480.4								
OBS	00316	06.55	34.92	27.44		1482.4								
OBS	00350	06.88	35.04	27.45		1484.4								
OBS	00376	06.45	35.00	27.51		1483.2								
STD	00400	05.53	34.89	27.55	00.378	1479.6								
OBS	00405	05.30	34.87	27.56		1478.7								
OBS	00409	05.48	34.92	27.58		1479.6								
OBS	00420	04.96	34.84	27.57		1477.6								
OBS	00456	05.31	34.94	27.61		1479.7								
STD	00500	05.27	34.96	27.63	00.435	1480.3								
OBS	00508	05.23	34.96	27.64		1480.3								
OBS	00550	04.90	34.95	27.67		1479.6								
STD	00600	04.89	34.98	27.69	00.485	1480.5								
OBS	00601	04.85	34.98	27.69		1480.5								
OBS	00656	04.51	34.95	27.71		1479.8								
STD	00700	04.49	34.95	27.71	00.532	1480.4								
OBS	00713	04.46	34.95	27.72		1480.5								
OBS	00750	04.32	34.96	27.74		1480.5								
STD	00800	04.45	34.99	27.75	00.578	1481.9								
OBS	00809	04.45	34.95	27.75		1482.1								
OBS	00854	04.37	34.99	27.76		1482.5								
STD	00900	04.28	34.98	27.76	00.622	1482.5								
OBS	00900	04.28	34.98	27.76		1482.5								
OBS	00955	04.08	34.96	27.77		1482.9								
STD	01000	03.96	34.95	27.77	00.665	1483.2								
OBS	01001	03.96	34.95	27.77		1483.2								
OBS	01027	03.50	34.94	27.77		1483.4								
OBS	01052	03.52	34.96	27.78		1483.9								

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

FEFIO 31 8463	YEAR 1975	BOATP 03252	AIR TEMP 05.0	DIR FGT PER	WIND-DIR 34	INST STC RECORDER	TEN SG 130c
CONSEC 0330	MONTH 05	SHIP EV	WET BULB 05.0	20 2 4	WIND-SPD 16	TRACE DIA 0	5 SQUARE 2
LA" 44 20.04	DAY 28	DATA USE 1	BAROMETR 1011.0	SEA	WIND-FOR	DURATION 00.4	2 SQUARE 48
LONG 048 10.04	MOUR 18.0	AREA 05	CLCUD 7/4	CL/TR	WEATHER A4	CRIG 011 809 21	1 SQUARE 48

CASSTNUM/TIME	LVLTYF	DEPTH	TEMP	SAL	SIGMA-T	GYNOP7M	SNC VEL	OXYG	PO4	TOT P	N02	N03	S103	PH
18.0	STO	00000	04.21	33.25	26.40	00.000	1465.4							
	085	00007	04.21	33.25	26.40		1465.5							
	STO	00010	04.20	33.25	26.40	00.016	1465.5							
	085	00011	04.20	33.25	26.40		1465.5							
	085	00013	04.14	33.24	26.40		1465.3							
	STO	00020	04.12	33.27	26.42	00.033	1465.4							
	085	00022	04.12	33.29	26.44		1465.4							
	STO	00030	04.13	33.34	26.47	00.045	1465.7							
	085	00033	04.13	33.34	26.48		1465.7							
	085	00036	03.55	33.38	26.52		1465.2							
	085	00038	04.45	33.48	26.55		1467.3							
	085	00043	04.35	33.54	26.61		1467.1							
	085	00049	04.58	33.65	26.67		1468.3							
	STO	00050	04.46	33.65	26.65	00.078	1467.8							
	085	00057	03.02	33.56	26.76		1461.7							
	085	00062	02.18	33.40	26.70		1457.9							
	085	00064	00.75	33.31	26.72		1451.6							
	085	00074	00.11	33.44	26.86		1448.9							
	STO	00075	00.44	33.47	26.87	00.110	1450.4							
	085	00076	00.77	33.49	26.87		1452.0							
	085	00075	00.76	33.48	26.86		1452.0							
	085	00083	- 0.32	33.54	26.56		1447.2							
	085	00087	- 0.34	33.49	26.53		1447.1							
	085	00093	- 0.06	33.60	27.00		1446.6							
	085	00095	00.68	33.70	27.04		1452.2							
	085	00099	01.02	33.75	27.06		1453.8							
	STO	00100	01.03	33.75	27.06	00.138	1453.9							
	085	00100	01.04	33.75	27.06		1453.9							
	085	00104	01.02	33.75	27.06		1453.9							
	085	00106	01.63	33.83	27.08		1456.8							
	085	00108	01.75	33.84	27.08		1457.5							
	085	00114	02.33	33.94	27.12		1460.1							
	085	00118	02.31	33.56	27.14		1460.1							
	STO	00125	02.57	34.06	27.16	00.162	1463.2							
	085	00125	03.06	34.08	27.17		1463.7							
	085	00127	03.35	34.17	27.21		1465.2							
	085	00135	03.47	34.17	27.20		1465.7							
	085	00142	03.56	34.29	27.25		1468.1							
	STO	00150	03.84	34.29	27.26	00.184	1467.7							
	085	00154	03.79	34.29	27.27		1467.5							
	085	00175	03.71	34.36	27.33		1467.6							
	085	00190	04.22	34.46	27.36		1470.2							
	085	00198	04.13	34.48	27.38		1470.0							
	STO	00200	04.32	34.51	27.35	00.223	1470.5							
	085	00203	04.63	34.57	27.40		1472.3							
	085	00226	04.94	34.68	27.45		1474.1							
	STO	00250	04.52	34.70	27.47	00.257	1474.4							
	085	00253	04.92	34.70	27.47		1474.4							
	085	00264	04.58	34.67	27.48		1473.2							
	085	00263	04.77	34.72	27.50		1474.4							
	085	00285	04.55	34.68	27.49		1473.5							
	STO	00300	03.76	34.64	27.55	00.288	1470.3							
	085	00300	03.73	34.64	27.55		1470.2							
	085	00308	03.58	34.62	27.55		1469.6							
	085	00310	03.63	34.65	27.57		1469.9							
	085	00317	04.53	34.81	27.60		1474.1							
	085	00321	04.60	34.80	27.58		1474.4							
	085	00333	05.22	34.93	27.62		1477.3							
	085	00346	05.60	34.98	27.61		1479.1							
	085	00354	05.62	34.99	27.61		1479.4							
	085	00361	05.66	34.99	27.61		1475.6							
	085	00365	05.25	34.91	27.60		1476.0							
	085	00378	04.55	34.92	27.63		1477.1							
	085	00388	04.65	34.87	27.63		1475.8							
	STO	00400	04.76	34.91	27.66	00.341	1476.5							
	085	00401	04.77	34.92	27.66		1476.8							
	085	00453	04.83	34.96	27.68		1477.7							
	085	00485	04.74	34.96	27.69		1477.5							
	STO	00500	04.61	35.00	27.72	00.388	1478.5							
	085	00502	04.82	35.01	27.73		1478.6							
	085	00555	04.73	34.96	27.71		1479.0							
	STO	00600	04.59	34.99	27.74	00.431	1475.2							
	085	00605	04.58	34.95	27.74		1479.3							
	085	00656	04.53	34.98	27.73		1475.5							
	STO	00700	04.44	34.95	27.75	00.475	1480.3							
	085	00702	04.44	34.99	27.75		1480.3							
	085	00750	04.42	34.95	27.75		1481.0							
	STO	00800	04.35	34.98	27.75	00.518	1481.5							
	085	00801	04.35	34.98	27.75		1481.5							
	085	00850	04.20	34.97	27.76		1481.7							
	STO	00900	04.14	34.97	27.77	00.561	1482.3							
	085	00904	04.13	34.97	27.77		1482.3							
	085	00953	04.05	34.96	27.77		1482.8							
	STO	01000	04.03	34.97	27.78	00.604	1483.5							
	085	01003	04.03	34.97	27.78		1483.5							
	085	01056	03.92	34.96	27.78		1484.0							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MODE STATION 0474

PSFID 31 0463 YEAR 1975 BOTOP 03167 AIR TEMP 04.9 OIR HGT PER WIND-OIR 35 INST STD RECORDER YEN SO 1306
 CONSEC 0031 MONTH 05 SHIP EV WET BULB 04.0 25 3 4 WIND-SPO 10 TRACE OIR 0 5 SQUARE 2
 LAT 44 19.5N DAY 28 DATA USE 1 BAROMETER 1012.2 SEA WIND-FOR DURATION 00.5 2 SQUARE 48
 LONG 048 25.0W HOUR 20.0 AREA 05 CLOUD T/A CL/TR WEATHER F4 DRAG 011 B10 09 1 SQUARE 48

CASSTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OAYG	P04	TOT-P	NO2	NO3	SIO3	PH
20.0	STO	00000	02.79	33.22	26.51	00.000	1459.3							
	OBS	00003	02.79	33.22	26.51		1459.3							
	OBS	00005	02.76	33.21	26.50		1459.2							
	STO	00010	03.01	33.24	26.50	00.015	1460.4							
	OBS	00015	03.01	33.27	26.53		1460.6							
	OBS	00017	02.93	33.33	26.58		1460.3							
	STO	00020	03.00	33.34	26.58	00.030	1460.7							
	OBS	00026	03.15	33.35	26.58		1461.5							
	OBS	00028	03.35	33.31	26.53		1462.3							
	STO	00030	02.74	33.29	26.56	00.045	1459.6							
	OBS	00032	01.85	33.26	26.61		1455.7							
	OBS	00049	01.32	33.42	26.78		1453.5							
	STO	00050	01.17	33.43	26.79	00.073	1453.2							
	OBS	00051	00.80	33.45	26.83		1451.6							
	OBS	00060	00.63	33.65	27.04		1451.3							
	OBS	00068	01.73	33.90	27.13		1456.7							
	OBS	00072	01.85	33.95	27.16		1457.5							
	STO	00075	02.53	34.02	27.17	00.100	1460.5							
	OBS	00076	02.72	34.04	27.17		1461.3							
	OBS	00063	02.95	34.05	27.19		1462.5							
	OBS	00053	03.00	34.14	27.22		1463.0							
	OBS	00095	03.69	34.26	27.25		1466.1							
	STO	00100	04.20	34.34	27.27	00.122	1468.5							
	OBS	00102	04.40	34.38	27.27		1469.4							
	OBS	00114	04.51	34.42	27.29		1470.1							
	OBS	00119	04.05	34.40	27.33		1468.2							
	STO	00125	04.16	34.48	27.38	00.141	1468.9							
	OBS	00127	04.19	34.49	27.38		1469.1							
	OBS	00131	04.19	34.46	27.36		1469.1							
	OBS	00135	04.30	34.55	27.42		1465.7							
	OBS	00148	04.71	34.58	27.40		1471.7							
	STO	00150	04.69	34.56	27.40	00.155	1471.6							
	OBS	00154	04.64	34.56	27.40		1471.5							
	OBS	00173	04.39	34.58	27.43		1470.8							
	OBS	00178	04.30	34.57	27.43		1470.5							
	OBS	00196	04.39	34.66	27.50		1471.3							
	OBS	00158	04.33	34.64	27.45		1471.0							
	STO	00200	04.15	34.61	27.48	00.192	1470.4							
	OBS	00207	03.94	34.60	27.50		1469.5							
	OBS	00209	03.55	34.62	27.51		1469.6							
	OBS	00220	04.40	34.68	27.51		1471.7							
	OBS	00228	04.37	34.65	27.49		1471.7							
	OBS	00234	04.19	34.65	27.51		1471.0							
	OBS	00241	03.79	34.61	27.52		1469.4							
	STO	00250	03.63	34.61	27.54	00.222	1468.5							
	OBS	00251	03.62	34.61	27.54		1468.5							
	OBS	00253	03.62	34.66	27.58		1469.0							
	OBS	00277	04.15	34.74	27.59		1471.7							
	OBS	00287	03.62	34.68	27.59		1469.6							
	STO	00300	03.48	34.67	27.60	00.250	1469.2							
	OBS	00302	03.45	34.67	27.60		1469.1							
	OBS	00317	03.52	34.78	27.64		1471.5							
	OBS	00329	03.54	34.79	27.65		1471.7							
	OBS	00333	04.13	34.81	27.64		1472.6							
	OBS	00350	04.13	34.81	27.64		1472.9							
	OBS	00365	04.26	34.83	27.64		1473.7							
	STO	00400	04.12	34.85	27.67	00.300	1473.8							
	OBS	00401	04.12	34.85	27.68		1473.6							
	OBS	00453	04.09	34.88	27.70		1474.5							
	STO	00500	04.38	34.94	27.72	00.345	1476.6							
	OBS	00502	04.39	34.94	27.72		1476.7							
	OBS	00555	04.35	34.93	27.71		1477.6							
	STO	00600	04.48	34.97	27.73	00.385	1478.7							
	OBS	00603	04.48	34.97	27.73		1478.8							
	OBS	00652	04.39	34.98	27.75		1479.2							
	STO	00700	04.30	34.98	27.76	00.432	1479.6							
	OBS	00700	04.30	34.98	27.76		1479.7							
	OBS	00751	04.30	34.98	27.76		1480.5							
	STO	00800	04.15	34.95	27.75	00.475	1480.7							
	OBS	00801	04.15	34.95	27.75		1480.7							
	OBS	00852	04.08	34.97	27.76		1481.3							
	STO	00900	04.05	34.97	27.78	00.517	1481.5							
	OBS	00900	04.05	34.97	27.78		1481.6							
	OBS	00955	03.59	34.96	27.78		1482.6							
	STO	01000	03.56	34.96	27.78	00.560	1483.2							
	OBS	01003	03.96	34.96	27.78		1483.2							
	OBS	01050	03.86	34.96	27.79		1483.7							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.--Continued

MOOC STATION DATA

REFID 31 8463	YEAR 1975	80TOP 03149	AIR TEMP 04.1	OIR HGT PER	WIND-OIR 03	INST STO RECORDER	TEM 50 1306
CONSEC 0032	MONTH 05	SHIP EV	WET BULB 03.5	99 A A	WIND-SPD 04	TRACE OIR 0	5 SQUARE 2
LAT 44 19.84	DAY 28	DATA USE 1	BAROMETER 1012.9	SEA	WIND-FOR	DURATION 00.4	2 SQUARE 48
LONG 048 30.04	HOOR 21.9	AREA 05	CLOUD T/A	CL/TP	WEATHER A2	ORIG 011 811 14	1 SQUARE 48

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SNO VEL	DAYG	PD4	TOT-P	NO2	NO3	SIO3	PH
21.9	085	00009	01.33	32.96	26.41		1452.6							
	STO	00010	01.32	32.56	26.41		1452.6							
	STO	00020	01.15	32.98	26.43		1452.1							
	085	00020	01.14	32.98	26.44		1452.0							
	STO	00030	01.01	33.00	26.46		1451.6							
	085	00030	01.00	33.00	26.46		1451.6							
	STO	00050	00.63	33.07	26.54		1450.3							
	085	00055	00.39	33.10	26.58		1449.3							
	085	00066	- 0.35	33.19	26.68		1446.3							
	085	00068	- 0.15	33.42	26.86		1447.5							
	085	00072	00.44	33.46	26.86		1450.4							
	STO	00075	01.62	33.55	26.90		1450.9							
	085	00076	02.00	33.64	26.91		1457.6							
	085	00089	02.32	33.79	27.00		1459.5							
	STO	00100	02.36	33.81	27.01		1455.8							
	085	00102	02.36	33.82	27.02		1459.9							
	085	00119	02.31	33.50	27.09		1460.1							
	085	00123	01.13	33.86	27.14		1454.5							
	STO	00125	01.08	33.86	27.15		1454.7							
	085	00131	00.52	33.86	27.16		1454.1							
	STO	00150	01.01	34.00	27.26		1454.9							
	085	00150	01.01	34.00	27.26		1455.0							
	085	00175	01.41	34.14	27.35		1457.4							
	STO	00200	01.62	34.24	27.42		1458.8							
	085	00201	01.63	34.25	27.42		1458.5							
	085	00226	01.82	34.35	27.49		1460.3							
	085	00230	01.66	34.37	27.50		1460.6							
	STO	00250	02.28	34.47	27.55		1462.9							
	085	00251	02.30	34.48	27.55		1463.0							
	085	00279	02.45	34.56	27.60		1464.2							
	STO	00300	02.62	34.60	27.62		1465.4							
	085	00302	02.64	34.60	27.62		1465.5							
	085	00350	02.90	34.66	27.64		1467.5							
	STO	00400	03.16	34.73	27.67		1469.5							
	085	00401	03.17	34.73	27.68		1469.6							
	085	00453	03.38	34.78	27.70		1471.4							
	STO	00500	03.44	34.81	27.71		1472.5							
	085	00500	03.44	34.81	27.71		1472.5							
	085	00550	03.67	34.85	27.72		1474.3							
	085	00569	03.78	34.87	27.73		1475.1							
	085	00580	04.08	34.91	27.73		1476.6							
	STO	00600	03.97	34.90	27.73		1476.5							
	085	00601	03.96	34.90	27.73		1476.5							
	085	00656	03.88	34.90	27.74		1477.1							
	STO	00700	03.85	34.90	27.74		1477.7							
	085	00700	03.85	34.90	27.74		1477.7							
	085	00750	03.67	34.88	27.75		1477.7							
	STO	00800	03.61	34.87	27.75		1478.2							
	085	00807	03.60	34.87	27.75		1478.3							
	085	00856	03.56	34.87	27.75		1479.0							
	STO	00900	03.48	34.87	27.76		1479.4							
	085	00902	03.48	34.87	27.76		1479.4							
	085	00951	03.51	34.88	27.76		1480.4							
	STO	01000	03.56	34.89	27.77		1481.4							
	085	01005	03.56	34.89	27.77		1481.5							
	085	01056	03.45	34.85	27.77		1482.1							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFID 31 8463	YEAR 1975	BOTOP 0113B	AIR TEMP 03.0	DIA PGT PER	WIND-OIR 04	INST STD RECORDER	TEN SQ 1306
CONSEC 0033	MONTH 05	SHIP EV	WET BULB 02.8	36 3 4	WIND-SPO 11	TRACE OIR 0	5 SQUARE 2
LA° 44 19.5N	DAY 28	DATA USE 1	BAROMETER 1012.0	SEA	WIND-FOR	DURATION 00.3	2 SQUARE 48
LONG 048 51.8W	MOOR 23.8	AREA 05	CLOUD T/A	CL/TR	WEATHER 42	DRG 011 812	1 SQUARE 48

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
23.8	085	00005	00.99	32.50	26.38		1451.0							
	STO	00010	00.95	32.90	26.38		1451.0							
	085	00017	00.98	32.91	26.39		1451.1							
	STO	00020	00.94	32.89	26.38		1451.0							
	085	00024	00.89	32.88	26.37		1450.8							
	STO	00030	00.83	32.50	26.39		1450.7							
	085	00034	00.79	32.91	26.40		1450.6							
	STO	00050	00.66	32.58	26.47		1450.3							
	085	00053	00.64	32.59	26.47		1450.3							
	085	00059	00.62	33.00	26.48		1450.3							
	085	00064	00.06	33.07	26.57		1448.0							
	085	00068	- 0.06	33.10	26.60		1447.5							
	085	00070	- 0.40	33.13	26.64		1446.0							
	085	00072	- 0.40	33.14	26.65		1446.1							
	STO	00075	- 0.46	33.14	26.65		1445.8							
	085	00081	- 0.61	33.145	26.66		1445.2							
	STO	00100	- 1.08	33.27	26.77		1443.5							
	085	00100	- 1.05	33.27	26.78		1443.5							
	085	00108	- 1.11	33.25	26.75		1443.6							
	STO	00125	- 0.87	33.41	26.88		1445.1							
	085	00127	- 0.81	33.43	26.90		1445.5							
	STO	00150	- 0.02	33.67	27.05		1445.8							
	085	00154	00.10	33.70	27.07		1450.5							
	085	00177	00.63	33.84	27.16		1453.5							
	STO	00200	01.12	34.05	27.30		1456.3							
	085	00203	01.18	34.08	27.32		1456.7							
	085	00226	01.50	34.21	27.40		1458.7							
	STO	00250	01.57	34.40	27.52		1461.4							
	085	00253	02.02	34.42	27.53		1461.7							
	085	00276	02.29	34.51	27.58		1463.4							
	STO	00300	02.35	34.54	27.59		1464.3							
	085	00302	02.40	34.54	27.55		1464.4							
	085	00356	02.75	34.65	27.65		1467.1							
	STO	00400	03.00	34.71	27.67		1468.8							
	085	00405	03.02	34.71	27.67		1469.0							
	085	00453	03.09	34.72	27.68		1470.1							
	STO	00500	03.16	34.74	27.68		1471.2							
	085	00502	03.17	34.74	27.68		1471.3							
	085	00544	03.29	34.78	27.70		1472.5							
	STO	00600	03.41	34.81	27.72		1474.0							
	085	00658	03.49	34.83	27.72		1475.3							
	STO	00700	03.51	34.84	27.73		1476.1							
	085	00708	03.51	34.84	27.73		1476.3							
	085	00731	03.51	34.85	27.74		1477.0							
	STO	00800	03.49	34.85	27.74		1477.7							
	085	00807	03.45	34.85	27.74		1477.8							
	085	00850	03.49	34.86	27.75		1478.6							
	STO	00900	03.47	34.86	27.75		1479.3							
	085	00900	03.47	34.86	27.75		1479.3							
	085	00955	03.47	34.87	27.76		1480.3							
	085	00987	03.47	34.87	27.76		1480.8							
	STO	01000	03.47	34.86	27.75		1481.0							
	085	01001	03.47	34.86	27.75		1481.0							

REFID 31 8463	YEAR 1975	BOTOP 00175	AIR TEMP 02.1	DIA HGT PER	WIND-OIR 00	INST STD RECORDER	TEN SQ 1306
CONSEC 0034	MONTH 05	SHIP EV	WET BULB 02.1	34 3 4	WIND-SPO 00	TRACE OIR 0	5 SQUARE 2
LA° 44 15.6N	DAY 25	DATA USE 1	BAROMETER 1012.0	SEA	WIND-FOR	DURATION 00.1	2 SQUARE 48
LONG 049 04.2W	MOOR 01.8	AREA 05	CLOUD T/A	CL/TR	WEATHER 42	DRG 011 813	1 SQUARE 49

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
01.8	085	00005	01.64	32.86	26.35		1451.2							
	STO	00010	01.04	32.86	26.34		1451.2							
	085	00011	01.05	32.85	26.34		1451.3							
	085	00019	00.93	32.86	26.35		1450.5							
	STO	00020	00.78	32.86	26.36		1450.2							
	085	00024	00.24	32.86	26.39		1447.8							
	STO	00030	00.04	32.96	26.48		1447.1							
	085	00032	- 0.04	32.99	26.51		1446.8							
	STO	00050	- 0.43	33.05	26.57		1445.4							
	085	00051	- 0.45	33.05	26.58		1445.4							
	STO	00075	- 0.59	33.05	26.61		1445.1							
	085	00083	- 0.72	33.12	26.64		1444.7							
	STO	00100	- 1.07	33.20	26.72		1443.5							
	085	00100	- 1.08	33.20	26.72		1443.4							
	085	00104	- 1.11	33.22	26.74		1443.4							
	STO	00125	- 1.09	33.32	26.81		1444.0							
	085	00125	- 1.08	33.32	26.82		1444.0							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.--Continued

MOOC STATION DATA														
REFID 31 8463	YEAR 1975	BOTOP 00215	AIR TEMP 04.0	DIR HGT PER	WIND-DIR 05	INST STO RECORDER	TEN SQ 1306							
CONSEC 0035	MONTH 05	SHIP EV	WET BULB 03.0	35 2 3	WIND-SPD 12	TRACE DIR 0	5 SQUARE 2							
LAT 44 35.1N	DAY 26	DATA USE 1	BARCHMETR 1011.0	SEA	WIND-FOR	DURATION 00.1	2 SQUARE 48							
LONG 049 07.0W	HOUR 03.9	AREA 05	CLOUD T/A	CL/TR	WEATHER A6	ORIG 011 814	1 SQUARE 46							
CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
03.9	STO	00000	01.43	32.82	26.29	00.000	1452.7							
	085	00007	01.43	32.82	26.29		1452.9							
	085	00009	01.41	32.82	26.29		1452.8							
	STO	00010	01.40	32.82	26.29	00.017	1452.8							
	STO	00020	01.28	32.83	26.31	00.035	1452.4							
	085	00024	01.22	32.84	26.32		1452.2							
	STO	00030	01.05	32.85	26.33	00.052	1451.6							
	085	00034	00.89	32.86	26.36		1450.9							
	085	00047	00.27	32.96	26.47		1448.5							
	085	00049	- 0.41	33.03	26.56		1445.5							
	STO	00050	- 0.41	33.03	26.56	00.064	1445.5							
	085	00051	- 0.41	33.03	26.56		1445.5							
	085	00057	- 0.43	33.05	26.57		1445.5							
	085	00060	- 0.65	33.07	26.60		1444.6							
	STO	00075	- 0.82	33.11	26.64	00.120	1444.1							
	085	00076	- 0.83	33.11	26.64		1444.1							
	STO	00100	- 0.92	33.16	26.68	00.154	1444.1							
	085	00100	- 0.92	33.16	26.68		1444.1							
	STO	00125	- 0.94	33.17	26.69	00.185	1444.4							
	085	00131	- 0.95	33.17	26.69		1444.5							
	085	00133	- 0.95	33.18	26.70		1444.4							
	STO	00150	- 0.98	33.19	26.71	00.222	1444.7							
	085	00150	- 0.98	33.19	26.71		1444.7							
	085	00177	- 0.95	33.20	26.72		1445.1							
	STO	00200	- 0.94	33.28	26.78	00.287	1445.6							
	085	00205	- 0.93	33.34	26.83		1446.1							
	085	00209	- 0.79	33.35	26.86		1446.9							

REFID 31 8463	YEAR 1975	BOTOP 01673	AIR TEMP 03.4	DIR HGT PER	WIND-DIR 05	INST STO RECORDER	TEN SQ 1306							
CONSEC 0036	MONTH 05	SHIP EV	WET BULB 03.4	35 2 3	WIND-SPD 15	TRACE DIR 0	5 SQUARE 2							
LAT 44 35.0N	DAY 29	DATA USE 1	BARCHMETR 1007.7	SEA	WIND-FOR	DURATION 00.5	2 SQUARE 48							
LONG 048 51.5W	HOUR 07.2	AREA 05	CLOUD T/A	CL/TR	WEATHER A6	ORIG 011 815	1 SQUARE 48							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

NODC STATION DATA

REFID 31 8463	YEAR 1975	BOATDP 02562	AIR TEMP 04.0	DIA HGT PER	WIND-DIR 07	INST STC RECORDER	TEN SO 1306
CONSEC 0037	MDNTH 05	SHP EV	WET BULB 04.0	99 A X	WIND-SPD 17	TRACE DIA	5 SQUARE 2
LAT 44 38.8N	DAY 29	DATA USE 1	BAROMETER 1006.2	SEA	WIND-FDR	DURATION 00.4	2 SQUARE 48
LONG 048 38.8W	MOJUL 05.4	AREA 05	CLOUD T/A	CL/TP	WEATHER R4	ORIG C11 816 10	1 SQUARE 48

CASTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	DRYG	PO4	TCT P	NO2	NO3	S103	PH
09.4	STD	00000	02.29	33.31	26.62	00.000	1457.2							
	OBS	00007	02.29	33.31	26.62		1457.3							
	STD	00010	02.30	33.32	26.63	00.014	1457.4							
	STD	00020	02.33	33.36	26.65	00.028	1457.8							
	OBS	00020	02.33	33.36	26.66		1457.8							
	STD	00030	02.24	33.40	26.65	00.042	1457.6							
	OBS	00030	02.23	33.40	26.70		1457.6							
	STD	00050	02.02	33.45	26.75	00.065	1457.1							
	OBS	00055	01.88	33.46	26.77		1456.5							
	OBS	00059	01.75	33.55	26.88		1456.2							
	OBS	00068	02.08	33.76	27.00		1458.0							
	STD	00075	02.09	33.78	27.01	00.098	1458.2							
	OBS	00076	02.09	33.79	27.02		1458.3							
	OBS	00083	02.40	33.87	27.06		1459.8							
	OBS	00087	01.91	33.85	27.08		1457.7							
	OBS	00087	01.91	34.02	27.22		1458.1							
	STD	00100	01.74	34.01	27.22	00.122	1457.4							
	OBS	00102	01.61	34.01	27.23		1456.5							
	OBS	00106	01.47	34.12	27.33		1456.5							
	OBS	00119	01.78	34.20	27.37		1456.2							
	STD	00125	02.42	34.26	27.37	00.142	1461.1							
	OBS	00129	02.81	34.31	27.37		1463.0							
	STD	00150	02.74	34.41	27.46	00.155	1463.2							
	OBS	00150	02.74	34.41	27.46		1463.2							
	OBS	00167	02.52	34.46	27.48		1464.3							
	OBS	00173	03.25	34.51	27.49		1465.9							
	OBS	00178	03.38	34.54	27.50		1466.6							
	OBS	00184	03.48	34.54	27.49		1467.1							
	STD	00200	03.29	34.57	27.54	00.150	1466.6							
	OBS	00201	03.29	34.57	27.54		1466.6							
	OBS	00207	03.30	34.57	27.54		1466.7							
	OBS	00209	03.11	34.55	27.54		1465.5							
	OBS	00217	03.11	34.55	27.54		1466.0							
	OBS	00232	02.38	34.50	27.56		1463.1							
	OBS	00247	02.52	34.54	27.58		1464.0							
	OBS	00245	02.88	34.61	27.61		1465.7							
	STD	00250	02.88	34.61	27.61	00.217	1465.7							
	OBS	00257	02.95	34.61	27.60		1466.1							
	OBS	00268	03.26	34.66	27.61		1467.7							
	OBS	00277	03.15	34.63	27.60		1467.3							
	STD	00300	03.39	34.70	27.63	00.242	1468.8							
	OBS	00300	03.40	34.70	27.63		1468.5							
	OBS	00354	03.94	34.82	27.67		1472.2							
	OBS	00367	03.97	34.83	27.68		1472.6							
	OBS	00369	03.54	34.78	27.68		1470.7							
	STD	00400	03.25	34.76	27.69	00.289	1470.1							
	OBS	00403	03.28	34.76	27.69		1470.1							
	OBS	00458	03.53	34.81	27.70		1472.2							
	STD	00500	03.66	34.83	27.71	00.333	1473.5							
	OBS	00504	03.67	34.83	27.71		1473.6							
	OBS	00552	03.65	34.84	27.72		1474.3							
	STD	00600	03.60	34.85	27.73	00.377	1474.9							
	OBS	00603	03.60	34.85	27.73		1474.9							
	OBS	00651	03.62	34.87	27.74		1475.8							
	STD	00700	03.69	34.88	27.74	00.420	1476.9							
	OBS	00708	03.71	34.88	27.74		1477.2							
	OBS	00755	03.88	34.92	27.76		1478.7							
	STD	00800	03.80	34.91	27.76	00.462	1479.1							
	OBS	00807	03.78	34.91	27.76		1475.2							
	OBS	00850	03.60	34.89	27.76		1479.1							
	STD	00900	03.44	34.87	27.76	00.504	1475.2							
	OBS	00900	03.44	34.87	27.76		1479.2							
	OBS	00957	03.40	34.87	27.77		1480.0							
	STD	01000	03.45	34.86	27.77	00.547	1480.9							
	OBS	01001	03.45	34.88	27.77		1481.0							
	OBS	01048	03.44	34.88	27.77		1481.7							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFID 31 8463	YEAR 1975	BOTOP 02957	AIR TEMP 04.5	OIR MGT PER	WIND-OIR 10	INST STO RECORDER	TEN SG 130c
CONSEC 0010	MONTH 05	SHIP EV	WET BULB 04.5	S9 X X	WIND-SPD 10	TRACE OIR 0	5 SQUARE 2
LA" 44 32.8N	DAY 25	DATA USE 1	BAROMETER 1004.8	SE4	WIND-FOR	DURATION 00.4	2 SQUARE 48
LONG 048 25.8W	HOURL 11.4	AREA 05	CLOUD T/A	CL/T/A	WEATHER A4	DTG 011 817	1 SQUARE 48

CASHTUM/TIME	LVLTP	DEPTH	TEMP	SBL	SIGMA-7	GYNOPTN	SND VEL	OATG	PO4	TOE P	MO2	MO3	S103	PH
11.8	OBS	00009	01.51	32.98	26.41		1453.5							
	STO	00010	01.51	32.98	26.41		1453.5							
	OBS	00017	01.50	32.99	26.42		1453.6							
	STO	00020	01.65	33.16	26.55		1454.5							
	OBS	00020	01.69	33.21	26.58		1454.6							
	STO	00030	01.74	33.24	26.62		1455.2							
	OBS	00034	01.77	33.34	26.70		1455.6							
	OBS	00036	01.51	33.42	26.76		1454.5							
	OBS	00047	01.04	33.49	26.85		1452.7							
	OBS	00049	00.84	33.62	26.97		1452.0							
	STO	00050	00.79	33.63	26.98		1451.8							
	OBS	00055	00.37	33.69	27.05		1450.1							
	OBS	00062	00.25	33.69	27.06		1449.7							
	STO	00075	00.58	33.81	27.14		1451.5							
	OBS	00081	00.77	33.91	27.21		1452.6							
	OBS	00083	01.56	33.94	27.18		1456.2							
	OBS	00097	01.65	34.09	27.25		1457.1							
	STO	00100	01.84	34.15	27.33		1458.0							
	OBS	00100	01.91	34.17	27.34		1458.4							
	OBS	00102	02.09	34.20	27.35		1459.3							
	OBS	00106	02.08	34.23	27.37		1459.3							
	OBS	00110	02.38	34.30	27.40		1460.8							
	OBS	00119	01.56	34.22	27.40		1457.2							
	STO	00125	01.56	34.23	27.41		1457.3							
	OBS	00125	01.56	34.23	27.41		1457.3							
	STO	00150	02.08	34.38	27.49		1460.2							
	OBS	00150	02.08	34.38	27.49		1460.2							
	OBS	00158	02.15	34.43	27.53		1460.7							
	OBS	00163	02.36	34.45	27.52		1461.6							
	OBS	00177	02.16	34.43	27.52		1461.2							
	OBS	00188	02.22	34.47	27.55		1461.6							
	OBS	00199	03.36	34.60	27.55		1466.9							
	STO	00200	03.35	34.60	27.55		1466.8							
	OBS	00201	03.33	34.59	27.55		1466.8							
	OBS	00205	04.46	34.78	27.58		1471.9							
	OBS	00220	04.56	34.77	27.56		1472.5							
	OBS	00232	04.24	34.77	27.60		1471.4							
	OBS	00241	04.56	34.84	27.62		1473.0							
	STO	00250	04.62	34.85	27.62		1473.4							
	OBS	00255	04.64	34.85	27.62		1473.5							
	OBS	00268	04.62	34.85	27.62		1473.7							
	OBS	00270	04.26	34.80	27.62		1472.1							
	OBS	00281	04.44	34.83	27.63		1473.1							
	STO	00300	04.37	34.86	27.66		1473.2							
	OBS	00300	04.37	34.86	27.66		1473.2							
	OBS	00350	04.53	34.92	27.69		1474.7							
	STO	00400	04.41	34.91	27.69		1475.1							
	OBS	00411	04.40	34.91	27.69		1475.2							
	OBS	00451	04.40	34.93	27.71		1475.5							
	STO	00500	04.31	34.93	27.72		1476.3							
	OBS	00500	04.31	34.93	27.72		1476.3							
	OBS	00550	04.28	34.94	27.73		1477.0							
	STO	00600	04.15	34.93	27.74		1477.3							
	OBS	00601	04.15	34.93	27.74		1477.3							
	OBS	00654	04.06	34.93	27.75		1477.9							
	STO	00700	04.01	34.93	27.75		1478.3							
	OBS	00704	03.99	34.93	27.75		1478.4							
	OBS	00755	03.67	34.85	27.75		1477.9							
	STO	00800	03.63	34.89	27.76		1478.4							
	OBS	00803	03.63	34.89	27.76		1478.4							
	OBS	00852	03.62	34.90	27.77		1479.2							
	STO	00900	03.62	34.90	27.77		1480.0							
	OBS	00951	03.54	34.85	27.77		1480.1							
	STO	01000	03.47	34.89	27.77		1481.0							
	OBS	01001	03.47	34.85	27.77		1481.1							
	OBS	01054	03.47	34.85	27.77		1481.9							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

NOCC STATION DATA

REFID 31	8463	YEAR 1975	BOTOP 03191	AIR TEMP 09.0	DIA FGT PER	WIND-DIA 10	INST STO RECORDER	TEN SQ 1306
CONSEC 0036	MONTH 05	SHIP EV	WET BULB 08.8	10 2 2		WIND-SPO 16	TRACE DIA 0	9 SQUARE 2
LA" 44 36.1N	DAY 29	CATA USE 1	BAROMETER 1014.8	SEA		WIND-FOU	DURATION 00.4	2 SQUARE 48
LONG 048 10.2W	MOUR 13.5	AREA 05	CLOUD T/A	CL/YR		WEATHER 15	ORIG 011 010 10	1 SQUARE 46

CASSTNUM/TIME	LVLTY	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	DAYG	P04	TOT P	MO2	MO3	S103	PM
	STO	00000	04.20	33.19	26.35	00.000	1465.3							
13.5	085	00033	04.20	33.19	26.35		1465.3							
	STO	00010	04.21	33.18	26.34	00.017	1465.4							
	085	00013	04.21	33.18	26.34		1465.5							
	STO	00020	04.19	33.22	26.37	00.034	1465.6							
	085	00020	04.19	33.22	26.38		1465.6							
	STO	00030	04.19	33.26	26.40	00.050	1465.8							
	085	00030	04.19	33.26	26.41		1465.8							
	STO	00050	03.67	33.36	26.54	00.082	1464.1							
	085	00053	03.58	33.42	26.59		1463.8							
	085	00055	02.65	33.46	26.71		1459.9							
	085	00060	02.02	33.51	26.80		1457.3							
	085	00068	01.59	33.85	26.94		1455.7							
	085	00072	01.88	33.83	27.07		1457.3							
	085	00074	00.52	33.73	27.08		1451.1							
	STO	00075	00.55	33.72	27.07	00.113	1451.3							
	085	00076	00.59	33.71	27.06		1451.4							
	085	00081	00.73	33.75	27.08		1452.2							
	085	00083	01.63	33.83	27.08		1456.4							
	085	00087	01.60	33.85	27.10		1456.4							
	085	00093	02.04	33.96	27.16		1458.5							
	085	00097	02.77	34.05	27.17		1461.6							
	085	00099	02.81	34.10	27.21		1462.2							
	STO	00100	03.09	34.13	27.21	00.136	1463.4							
	085	00102	03.74	34.22	27.21		1466.4							
	085	00114	04.65	34.41	27.27		1470.7							
	085	00118	04.90	34.42	27.25		1471.8							
	STO	00125	04.44	34.38	27.27	00.158	1469.9							
	085	00125	04.42	34.38	27.27		1469.8							
	085	00137	04.39	34.38	27.27		1465.9							
	085	00142	04.86	34.51	27.32		1472.1							
	STO	00150	04.89	34.52	27.33	00.178	1472.4							
	085	00150	04.89	34.52	27.33		1472.4							
	085	00178	04.67	34.56	27.39		1472.0							
	STO	00200	04.88	34.68	27.45	00.214	1473.4							
	085	00201	04.90	34.68	27.45		1473.5							
	085	00226	04.19	34.83	27.45		1470.9							
	085	00234	03.67	34.58	27.51		1468.8							
	085	00245	03.60	34.54	27.50		1467.7							
	STO	00250	03.54	34.59	27.53	00.245	1468.5							
	085	00251	03.58	34.60	27.53		1468.7							
	085	00276	03.70	34.66	27.57		1469.7							
	085	00297	03.46	34.64	27.58		1469.0							
	STO	00300	03.73	34.68	27.58	00.273	1470.2							
	085	00304	03.46	34.71	27.58		1471.3							
	085	00316	03.63	34.67	27.58		1470.1							
	085	00325	03.78	34.72	27.61		1470.9							
	085	00329	03.53	34.68	27.80		1469.9							
	085	00352	03.51	34.72	27.63		1470.2							
	085	00362	03.79	34.79	27.66		1472.1							
	085	00367	04.08	34.82	27.66		1473.5							
	STO	00400	04.08	34.82	27.66	00.325	1473.5							
	085	00407	04.08	34.83	27.66		1473.7							
	085	00451	04.30	34.88	27.68		1475.4							
	STO	00500	04.30	34.92	27.71	00.371	1476.2							
	085	00508	04.30	34.92	27.71		1476.4							
	085	00550	04.29	34.92	27.71		1477.0							
	STO	00600	04.31	34.95	27.73	00.415	1478.0							
	085	00601	04.31	34.95	27.73		1478.0							
	085	00651	04.28	34.96	27.75		1478.7							
	STO	00700	04.17	34.94	27.74	00.459	1479.1							
	085	00702	04.17	34.94	27.74		1479.1							
	085	00751	04.10	34.94	27.75		1479.6							
	STO	00800	04.06	34.94	27.75	00.502	1480.2							
	085	00810	04.05	34.94	27.75		1480.4							
	085	00850	04.01	34.95	27.77		1480.9							
	STO	00900	03.90	34.94	27.77	00.544	1481.2							
	085	00900	03.90	34.94	27.77		1481.2							
	085	00951	03.71	34.93	27.78		1481.3							
	STO	01000	03.55	34.89	27.77	00.587	1481.4							
	085	01010	03.53	34.89	27.77		1481.5							
	085	01056	03.47	34.89	27.77		1482.0							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

NOOC STATION CATA

REFID 31 8423	YEAR 1975	80TOP 03422	AIR TEMP 10.9	OIR HGT PER	WIND-OIR 13	INST STC RECORDER	TEM SO 1306
COMSEC 0040	MONTH 05	SHIP EV	WET BULB 10.7	13 2 2	WIND-SPG 14	TRACE D16	5 SQUARE 2
LA° 44 34.84	DAY 25	DATA USE 1	BAROMETR 1003.2	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 047 57.04	MOOR 15.5	AREA 05	CLOUD T/A	CL/TR	WEATHER X5	ORIG C11 819 13	1 SQUARE 47

CAS	TH	M	J	T	I	M	E	LVL	TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPT	NO	VEL	DTYG	PD4	TOT	P	NO2	NO3	S103	PH
								STO		00000	06.26	33.84	26.62											
15.5								085		00001	06.28	33.84	26.62	00.000		1474.7								
								STO		00010	06.25	33.84	26.63			1474.7								
								085		00011	06.23	33.84	26.63	00.014		1474.7								
								085		00019	06.07	33.80	26.62			1474.1								
								STO		00020	06.06	33.81	26.62	00.028		1474.0								
								085		00020	06.04	33.81	26.63			1474.0								
								085		00024	05.56	33.83	26.66			1473.8								
								STO		00030	06.12	33.88	26.68	00.042		1474.6								
								085		00032	06.15	33.91	26.65			1474.5								
								085		00047	06.57	34.07	26.77			1476.9								
								STO		00050	06.68	34.11	26.78	00.065		1477.5								
								085		00053	06.84	34.20	26.83			1478.2								
								085		00057	07.66	34.34	26.85			1481.7								
								085		00062	08.30	34.45	26.85			1484.4								
								085		00064	07.27	34.31	26.86			1480.3								
								085		00074	07.56	34.43	26.54			1480.9								
								STO		00075	07.28	34.45	26.97	00.099		1480.6								
								085		00076	07.10	34.48	27.01			1480.3								
								085		00087	07.67	34.64	27.06			1482.6								
								085		00097	07.43	34.63	27.09			1481.8								
								STO		00100	07.52	34.64	27.09	00.125		1482.3								
								085		00106	07.58	34.66	27.09			1482.6								
								085		00119	07.07	34.61	27.12			1480.8								
								STO		00125	07.22	34.65	27.13	00.150		1481.5								
								085		00125	07.24	34.65	27.13			1481.6								
								STO		00150	07.41	34.73	27.17	00.174		1482.8								
								085		00152	07.42	34.74	27.18			1482.8								
								085		00161	07.43	34.72	27.16			1483.0								
								085		00165	07.95	34.88	27.21			1485.3								
								085		00177	07.97	34.85	27.21			1485.4								
								085		00180	08.08	34.93	27.23			1486.0								
								085		00190	07.68	34.87	27.24			1484.6								
								085		00194	07.16	34.76	27.23			1482.5								
								085		00198	06.21	34.60	27.23			1478.6								
								STO		00200	06.23	34.61	27.24	00.215		1478.8								
								085		00209	06.30	34.67	27.27			1479.3								
								085		00211	05.48	34.56	27.29			1475.9								
								085		00213	05.46	34.55	27.29			1475.8								
								085		00222	04.86	34.51	27.32			1473.4								
								085		00236	05.17	34.57	27.34			1475.0								
								085		00239	04.39	34.45	27.36			1471.7								
								085		00245	04.03	34.44	27.36			1470.3								
								085		00247	03.94	34.45	27.38			1469.5								
								085		00249	03.63	34.40	27.37			1468.6								
								STO		00250	03.73	34.42	27.37	00.256		1469.0								
								085		00257	04.44	34.56	27.41			1472.3								
								085		00266	04.10	34.56	27.45			1471.1								
								085		00274	04.73	34.67	27.47			1474.0								
								085		00276	04.78	34.66	27.45			1474.2								
								STO		00300	04.80	34.70	27.48	00.293		1474.7								
								085		00304	04.80	34.70	27.48			1474.8								
								085		00325	04.58	34.71	27.51			1474.3								
								085		00338	04.17	34.65	27.51			1472.7								
								085		00352	03.71	34.63	27.56			1471.0								
								085		00363	03.90	34.70	27.58			1472.0								
								085		00373	04.46	34.77	27.58			1474.6								
								085		00375	04.46	34.76	27.57			1474.6								
								085		00382	05.03	34.87	27.55			1477.3								
								085		00390	05.03	34.86	27.58			1477.4								
								STO		00403	04.77	34.84	27.60	00.353		1476.5								
								085		00401	04.74	34.84	27.60			1476.3								
								085		00453	04.61	34.86	27.63			1476.7								
								STO		00500	04.66	34.91	27.66	00.405		1477.7								
								085		00500	04.66	34.91	27.66			1477.7								
								085		00550	04.71	34.95	27.69			1476.6								
								STO		00600	04.80	34.98	27.71	00.453		1480.1								
								085		00616	04.80	34.95	27.71			1480.3								
								085		00658	04.74	35.00	27.73			1480.8								
								STO		00700	04.59	34.95	27.74	00.499		1480.9								
								085		00704	04.58	34.99	27.74			1480.5								
								085		00751	04.60	35.01	27.75			1481.8								
								STO		00800	04.45	34.98	27.74	00.544		1481.9								
								085		00801	04.44	34.98	27.74			1481.9								
								085		00850	04.21	34.96	27.75			1481.7								
								STO		00900	04.01	34.94	27.76	00.586		1481.7								
								085		00902	04.00	34.94	27.76			1481.7								
								085		00951	03.88	34.93	27.76			1482.0								
								STO		01000	03.81	34.93	27.77	00.631		1482.5								
								085		01001	03.81	34.93	27.77			1482.5								
								085		01032	03.74	34.92	27.77			1483.1								

MOOC STATION DATA

REFID 31 8463 YEAR 1975 BOTOP 00084 AIR TEMP 03.9 OIR MGT PER WIND-OIR 23 INST STO RECORDER TEN SO 1306
 CONSEC 0041 MONTH 05 SHIP EV WET BULB 03.9 20 0 3 WIND-SPO 10 TRACE OIR D 5 SQUARE 2
 LAT 44 51.0N DAY 29 DATA USE 1 BAROMETR 0994.2 SEA WIND-FOR DURATION 00.0 2 SQUARE 48
 LONG 049 20.0W HOUR 23.1 AREA D5 CLOUD T/A CL/TR WEATHER X2 ORIG 011 020 1 SQUARE 49

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
23.1	STD	00000	01.54	32.78	26.25	00.000	1453.2							
	OBS	00005	01.54	32.78	26.25		1453.3							
	STD	00010	01.51	32.80	26.27	00.018	1453.2							
	STD	00020	01.41	32.84	26.31	00.035	1453.0							
	OBS	00020	01.40	32.84	26.31		1453.0							
	STD	00030	01.28	32.85	26.32	00.052	1452.6							
	OBS	00034	01.21	32.85	26.33		1452.4							
	STD	00050	00.92	32.87	26.36	00.088	1451.3							
	OBS	00053	00.82	32.88	26.38		1451.0							
	OBS	00062	00.46	32.92	26.43		1449.5							
	OBS	00064	- 0.13	33.02	26.54		1447.0							
	STD	00075	- 0.17	33.03	26.55	00.126	1447.0							
	OBS	00076	- 0.17	33.03	26.55		1447.0							
	OBS	00083	- 0.16	33.04	26.55		1447.2							

REFID 31 8463 YEAR 1975 BOTOP 00062 AIR TEMP 03.6 OIR MGT PER WIND-OIR 22 INST STO RECORDER TEN SO 1306
 CONSEC 0042 MONTH 05 SHIP EV WET BULB 03.4 22 2 3 WIND-SPO 20 TRACE OIR 0 5 SQUARE 2
 LAT 44 40.3N DAY 30 DATA USE 1 BAROMETR 0995.7 SEA WIND-FOR DURATION 00.0 2 SQUARE 48
 LONG 049 27.0W HOUR 01.7 AREA 05 CLOUD T/A CL/TR WEATHER X2 ORIG 011 021 1 SQUARE 49

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
01.7	STD	00000	01.38	32.83	26.30	00.000	1452.5							
	OBS	00000	01.38	32.83	26.30		1452.5							
	STD	00010	01.38	32.84	26.31	00.017	1452.7							
	OBS	00011	01.37	32.84	26.31		1452.7							
	STD	00020	01.27	32.85	26.32	00.034	1452.4							
	OBS	00020	01.25	32.85	26.33		1452.3							
	STD	00030	01.05	32.88	26.36	00.051	1451.6							
	OBS	00034	00.92	32.89	26.38		1451.1							
	OBS	00047	00.38	32.91	26.42		1448.9							
	STD	00050	00.34	32.94	26.45	00.084	1448.0							
	OBS	00051	00.32	32.95	26.46		1448.8							
	OBS	00053	00.31	32.94	26.45		1448.7							

REFID 31 8463 YEAR 1975 BOTOP 00102 AIR TEMP 02.7 OIR MGT PER WIND-OIR 22 INST STO RECORDER TEN SO 1306
 CONSEC 0043 MONTH 05 SHIP EV WET BULB 01.0 25 1 2 WIND-SPO 20 TRACE OIR 0 5 SQUARE 2
 LAT 44 38.0N DAY 30 DATA USE 1 BAROMETR 0993.0 SEA WIND-FOR DURATION 00.0 2 SQUARE 48
 LONG 049 08.3W HOUR 02.9 AREA 05 CLOUD T/A CL/TR WEATHER X4 ORIG 011 022 1 SQUARE 49

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
02.9	STD	00000	00.72	32.87	26.37	00.000	1449.8							
	OBS	00001	00.72	32.87	26.37		1449.7							
	STD	00010	00.72	32.86	26.37	00.017	1449.8							
	OBS	00011	00.72	32.86	26.37		1449.8							
	OBS	00015	00.67	32.88	26.38		1449.7							
	STD	00020	00.39	32.88	26.40	00.033	1448.5							
	OBS	00022	00.31	32.90	26.42		1448.2							
	OBS	00026	00.29	32.94	26.45		1448.2							
	OBS	00028	- 0.38	33.01	26.54		1445.2							
	STD	00030	- 0.43	33.03	26.56	00.045	1445.0							
	OBS	00034	- 0.64	33.07	26.60		1444.2							
	STD	00050	- 0.74	33.12	26.64	00.078	1444.1							
	OBS	00051	- 0.75	33.12	26.64		1444.1							
	STD	00075	- 0.84	33.15	26.67	00.113	1444.1							
	OBS	00083	- 0.86	33.15	26.67		1444.1							
	OBS	00099	- 0.89	33.15	26.67		1444.2							
	STD	00100	- 0.89	33.15	26.67	00.147	1444.2							
	OBS	00100	- 0.89	33.15	26.67		1444.3							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

M C D C S T A T I O N C A T A

PEFID 31 8423	YEAR 1975	BDTOP 01372	AIR TEMP 03.3	DIA MGT PSA	WIND-DIR 22	INST S70 RECORDER	TEM 50 1306
CONSEC 0044	MONTH 05	SHIP EV	WET GULB 02.0	17 1 2	WIND-SPO 16	TRACE DIA 0	5 SQUARE 2
LAT 44 34.0N	DAY 30	DATA USE 1	BARDNETR 0593.1	SEA	WIND-FOR	DURATION 00.4	2 SQUARE 48
LONG 048 54.5W	MOUR 04.0	AREA 05	CLCUD T/A	CL/TP	WEATHER X2	ORIG 011 023	1 SQUARE 48

CASTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	OXYG	P04	TOT P	NO2	NO3	SIO3	PH
04.0	STO	00000	00.60	33.01	26.49	00.000	1449.3							
	085	00003	00.60	33.01	26.49		1449.3							
	STO	00010	00.59	33.01	26.49	00.015	1449.4							
	085	00011	00.59	33.01	26.49		1449.4							
	STO	00020	00.55	33.02	26.50	00.031	1449.4							
	085	00020	00.55	33.02	26.50		1449.4							
	STO	00030	00.46	33.02	26.51	00.048	1449.2							
	085	00034	00.45	33.04	26.52		1449.2							
	085	00047	00.31	33.17	26.63		1449.9							
	085	00049	00.15	33.18	26.65		1448.3							
	STO	00050	00.04	33.19	26.67	00.075	1447.8							
	085	00053	- 0.56	33.24	26.73		1445.1							
	085	00064	- 0.94	33.36	26.84		1443.7							
	STO	00075	- 0.83	33.38	26.86	00.108	1444.4							
	085	00078	- 0.80	33.39	26.86		1444.6							
	STO	00100	- 0.55	33.48	26.93	00.137	1446.3							
	085	00102	- 0.53	33.49	26.93		1446.4							
	STO	00125	- 0.43	33.52	26.96	00.165	1447.3							
	085	00127	- 0.42	33.53	26.96		1447.4							
	STO	00150	- 0.26	33.59	27.00	00.192	1448.6							
	085	00150	- 0.25	33.59	27.00		1448.7							
	085	00161	00.04	33.71	27.09		1450.4							
	085	00175	00.63	33.89	27.20		1453.3							
	085	00194	00.79	33.95	27.24		1454.6							
	085	00199	01.24	34.13	27.35		1457.0							
	STO	00200	01.24	34.13	27.35	00.237	1457.0							
	085	00207	01.26	34.12	27.34		1457.2							
	085	00230	01.60	34.27	27.44		1459.3							
	STO	00250	01.87	34.36	27.51	00.270	1461.0							
	085	00255	01.91	34.40	27.52		1461.2							
	085	00277	01.94	34.40	27.52		1461.8							
	STO	00300	02.04	34.44	27.54	00.295	1462.6							
	085	00302	02.05	34.44	27.54		1462.7							
	085	00350	02.15	34.48	27.57		1464.0							
	STO	00400	02.76	34.67	27.66	00.351	1467.7							
	085	00401	02.77	34.67	27.66		1467.8							
	085	00453	03.05	34.72	27.68		1469.9							
	STO	00500	03.19	34.75	27.69	00.397	1471.3							
	085	00500	03.19	34.75	27.69		1471.3							
	085	00552	03.44	34.81	27.71		1473.3							
	STO	00600	03.46	34.82	27.72	00.441	1474.2							
	085	00603	03.46	34.82	27.72		1474.3							
	085	00652	03.50	34.82	27.72		1475.3							
	STO	00700	03.52	34.83	27.72	00.485	1476.2							
	085	00702	03.52	34.83	27.72		1476.2							
	085	00757	03.53	34.84	27.73		1477.2							
	STO	00800	03.57	34.85	27.73	00.525	1478.1							
	085	00805	03.57	34.85	27.73		1478.1							
	085	00860	03.53	34.85	27.74		1478.9							
	STO	00900	03.52	34.85	27.74	00.574	1479.5							
	085	00900	03.52	34.85	27.74		1479.5							
	085	00959	03.52	34.85	27.74		1480.5							
	STO	01000	03.52	34.85	27.74	00.615	1481.2							
	085	01003	03.52	34.85	27.74		1481.2							
	085	01050	03.50	34.85	27.74		1481.9							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

NOOC STATION DATA

REF ID	31	8463	YEAR	1975	BOAT	03696	AIR TEMP	02.5	OIR	HGT	PER	WIND-OIR	21	INST	STO	RECORDER	TEN	SG	1306	
CONSEC		0343	MONTH	05	SHIP	EV	WET	BULB	02.5	99	X	X	WIND-SPD	18	TRACE	OIR	0	5	SQUARE	2
LA	44	32.7N	DAT	30	DATA	USE	1	84	ARCHMETR	0994.6	EE4	WIND-FOR		DURATION		00.2	2	SQUARE	48	
LONG	076	41.3W	HOUR	06.1	AREA	05		CLCUO	T/A		CL/TA	WEATHER	A2	DRAG	011	824	1	SQUARE	48	

CAS	NUM	TIME	LVL	TP	DEPTH	TEMP	SAL	SIGMA-T	SYN	DEPTH	SND	VEL	ORIG	PD4	TCT	P	NO2	NO3	S103	PH
			STO		00000	01.24	33.06	26.49	00.000		1452.2									
06.1			OBS		00000	01.24	33.06	26.49			1452.2									
			STO		00010	01.24	33.06	26.49	00.015		1452.4									
			OBS		00010	01.24	33.06	26.49			1452.4									
			STO		00020	01.25	33.07	26.50	00.031		1452.6									
			OBS		00020	01.25	33.07	26.50			1452.6									
			STO		00030	01.31	33.16	26.57	00.046		1453.2									
			OBS		00030	01.31	33.16	26.57			1453.2									
			STO		00050	01.40	33.33	26.70	00.074		1454.1									
			OBS		00050	01.40	33.33	26.70			1454.1									
			STO		00075	01.80	33.88	27.11	00.103		1457.1									
			OBS		00075	01.80	33.88	27.11			1457.1									
			STO		00100	01.24	34.04	27.28	00.125		1455.2									
			OBS		00100	01.24	34.04	27.28			1455.2									
			STO		00120	01.67	34.21	27.35			1457.7									
			OBS		00120	01.67	34.21	27.35			1457.7									
			STO		00125	01.68	34.23	27.40	00.144		1457.8									
			OBS		00137	01.73	34.28	27.44			1458.3									
			STO		00150	01.85	34.33	27.47	00.160		1459.2									
			OBS		00154	01.89	34.35	27.48			1459.4									
			STO		00178	02.04	34.41	27.52			1460.6									
			OBS		00200	02.13	34.46	27.55	00.190		1461.4									
			STO		00207	02.15	34.47	27.56			1461.6									
			OBS		00230	02.14	34.47	27.56			1461.6									
			STO		00241	01.95	34.50	27.59			1461.5									
			OBS		00250	02.20	34.54	27.61	00.216		1462.6									
			STO		00258	02.39	34.58	27.63			1463.7									
			OBS		00277	02.66	34.62	27.63			1465.2									
			STO		00300	02.78	34.65	27.65	00.241		1466.1									
			OBS		00306	02.82	34.66	27.65			1466.4									
			STO		00352	03.07	34.71	27.67			1468.3									
			OBS		00400	03.76	34.86	27.72	00.285		1472.2									
			STO		00401	03.77	34.86	27.72			1472.3									
			OBS		00468	03.71	34.85	27.72			1473.2									
			STO		00500	03.89	34.88	27.72	00.328		1474.5									
			OBS		00504	03.85	34.88	27.72			1474.6									
			STO		00550	03.64	34.86	27.73			1474.2									
			OBS		00563	03.68	34.87	27.74			1474.6									
			STO		00571	03.95	34.91	27.74			1475.9									
			OBS		00600	03.93	34.90	27.74	00.371		1476.3									
			STO		00627	03.91	34.90	27.74			1476.4									
			OBS		00651	03.66	34.86	27.73			1476.0									
			STO		00700	03.59	34.87	27.75	00.413		1476.5									
			OBS		00702	03.59	34.87	27.75			1476.6									
			STO		00753	03.53	34.87	27.75			1477.2									
			OBS		00800	03.53	34.87	27.75	00.455		1477.9									
			STO		00805	03.53	34.87	27.75			1478.0									
			OBS		00856	03.53	34.86	27.74			1478.9									
			STO		00900	03.52	34.87	27.75	00.496		1479.6									
			OBS		00908	03.52	34.87	27.75			1479.7									
			STO		00957	03.50	34.87	27.76			1480.4									
			OBS		01000	03.51	34.87	27.75	00.541		1481.2									
			STO		01010	03.51	34.87	27.75			1481.4									
			OBS		01056	03.52	34.88	27.76			1482.2									

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFID 31 8463 YEAR 1975 BOTOP 03319 AIR TEMP 03.4 DIR MGT PER WIND-DIR 23 INST STO RECORDER TEM SQ 1306
 CONSEC 0046 MONTH 05 SHIP EV WET BULB 03.4 23 2 5 WIND-SPD 20 TRACE CIR 0 5 SQUARE 2
 LAT 44 27.2N DAY 30 DATA USE 1 BAROMETR 0964.6 SEA WIND-FOR OURATION 00.4 2 SQUARE 48
 LONG 048 1A.8W HOUR 06.3 AREA 05 CLCUO T/A CL/TR WEATHER X2 ORIG 011 825 1 SQUARE 48

CASNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	OVNDPTH	SNO VEL	OAYG	PO4	TOT P	MD2	MD3	SIO3	PM
09.3	STO	00000	03.53	33.22	26.44	00.000	1462.5							
085	00003	03.53	33.225	26.44			1462.5							
085	00005	03.55	33.215	26.43			1462.6							
STO	00010	03.55	33.22	26.44		00.016	1462.7							
STO	00020	03.54	33.22	26.44		00.032	1462.8							
STO	00030	03.53	33.22	26.44		00.048	1463.0							
085	00030	03.53	33.22	26.44			1463.0							
085	00036	02.05	33.23	26.57			1456.7							
085	00041	02.01	33.25	26.59			1456.6							
085	00047	05.29	33.66	26.60			1471.2							
STO	00050	04.28	33.53	26.61		00.078	1466.9							
085	00055	02.14	33.50	26.78			1457.7							
085	00059	00.61	33.70	27.05			1451.2							
085	00072	01.83	33.81	27.05			1457.1							
085	00074	02.15	33.87	27.08			1458.6							
STO	00075	02.18	33.87	27.07		00.109	1458.7							
085	00078	02.28	33.86	27.06			1459.2							
085	00079	02.35	33.92	27.10			1459.6							
085	00081	01.83	33.89	27.12			1457.3							
085	00085	02.28	33.94	27.12			1459.4							
085	00095	02.68	34.11	27.23			1461.6							
STO	00100	02.80	34.16	27.26		00.132	1462.2							
085	00102	02.94	34.20	27.27			1463.0							
085	00114	04.10	34.44	27.35			1468.4							
STO	00125	04.23	34.48	27.37		00.151	1469.2							
085	00125	04.24	34.48	27.37			1469.2							
085	00135	04.30	34.47	27.35			1469.6							
085	00140	05.11	34.66	27.41			1473.3							
STO	00150	05.11	34.63	27.39		00.169	1473.4							
085	00152	05.09	34.63	27.39			1473.4							
085	00177	04.47	34.61	27.45			1471.2							
085	00184	04.50	34.64	27.47			1471.5							
085	00190	04.73	34.70	27.49			1472.6							
STO	00200	04.68	34.70	27.45		00.203	1472.6							
085	00213	04.61	34.69	27.50			1472.5							
085	00215	04.75	34.70	27.45			1473.1							
085	00226	04.40	34.72	27.54			1471.5							
085	00243	04.48	34.78	27.58			1472.6							
STO	00250	04.75	34.83	27.59		00.232	1473.5							
085	00257	04.98	34.87	27.60			1475.0							
085	00277	05.18	34.89	27.59			1476.2							
085	00287	04.70	34.84	27.60			1474.3							
085	00261	04.67	34.85	27.62			1474.2							
STO	00300	04.55	34.90	27.62		00.258	1475.6							
085	00302	04.57	34.90	27.62			1475.7							
085	00327	03.71	34.73	27.62			1470.7							
085	00346	04.21	34.85	27.67			1473.2							
085	00357	04.77	34.92	27.66			1475.9							
085	00363	04.75	34.93	27.67			1476.0							
085	00378	05.50	35.06	27.68			1479.4							
085	00395	05.54	35.06	27.68			1479.8							
STO	00400	05.45	35.05	27.68		00.30E	1479.5							
085	00411	05.25	35.02	27.68			1478.8							
085	00454	05.00	35.00	27.70			1478.5							
085	00460	04.51	34.99	27.70			1478.2							
085	00470	04.48	34.93	27.70			1476.5							
STO	00500	04.77	34.95	27.72		00.354	1478.3							
085	00506	04.80	35.00	27.72			1478.5							
085	00550	04.72	35.00	27.73			1478.9							
STO	00600	04.65	35.00	27.74		00.398	1479.5							
085	00605	04.63	35.00	27.74			1479.5							
085	00651	04.52	34.99	27.74			1475.8							
STO	00700	04.48	35.00	27.76		00.441	1480.4							
085	00702	04.47	35.00	27.76			1480.4							
085	00734	04.20	34.96	27.75			1475.8							
085	00755	04.25	34.96	27.75			1480.3							
STO	00800	04.10	34.94	27.75		00.484	1480.4							
085	00805	04.09	34.94	27.75			1480.5							
085	00852	04.05	34.96	27.77			1481.3							
STO	00900	03.95	34.94	27.77		00.527	1481.5							
085	00900	03.95	34.94	27.77			1481.5							
085	00951	03.87	34.92	27.76			1482.0							
STO	01000	03.51	34.94	27.77		00.570	1482.9							
085	01001	03.91	34.94	27.77			1483.0							
085	01046	03.82	34.93	27.77			1483.4							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOR STATION DATA														
REFIC 31 8463	YEAR 1975	BOTOP 02372	AIP TEMP 08.0	DIA HGT PER	WIND-DIR 23	INST STD RECORDER	TEM SQ 1306							
CONSEC 0347	MCHTH 03	S-IP EV	WET BULB 05.6	21 4 5	WIND-SPO 30	TRACE DIR 0	5 SQUARE 2							
1A" 44 23.7N	DAY 30	DATA USE 1	BAROMETR 0593.0	SEA	WIND-FOR	QUARTION 00.4	2 SQUARE 46							
LONG 047 52.4W	MOUR 12.0	AREA 05	CLCUD T/A	CL/TR	WEATHER A2	DRG 011 826 07	1 SQUARE 47							
CASINUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNC VEL	OXYG	PD4	TOT P	MO2	MO3	S103	PH
	STO	00000	10.02	34.87	26.87	00.000	1490.3							
12.0	DES	00001	10.02	34.87	26.87		1490.3							
	STO	00010	10.03	34.86	26.86	00.012	1490.5							
	OBS	00011	10.03	34.86	26.86		1490.5							
	STO	00020	10.03	34.86	26.86	00.024	1490.7							
	STO	00030	10.04	34.86	26.86	00.036	1490.8							
	OBS	00032	10.04	34.86	26.86		1490.9							
	OBS	00036	10.05	34.85	26.88		1491.0							
	OBS	00045	10.64	35.03	26.88		1493.5							
	STO	00050	10.80	35.11	26.91	00.060	1494.2							
	OBS	00037	11.11	35.22	26.93		1495.6							
	OBS	00066	11.63	35.34	26.94		1497.7							
	STO	00075	11.76	35.36	26.94	00.085	1498.3							
	OBS	00076	11.79	35.37	26.93		1498.5							
	STO	00100	11.86	35.43	26.96	00.117	1499.2							
	OBS	00100	11.88	35.43	26.96		1499.3							
	STO	00125	11.60	35.37	26.97	00.145	1498.5							
	OBS	00125	11.58	35.37	26.97		1498.5							
	OBS	00140	11.02	35.29	27.02		1496.7							
	STO	00190	10.03	35.14	27.07	00.172	1493.1							
	OBS	00152	09.96	35.13	27.08		1492.9							
	OBS	00155	10.27	35.21	27.09		1494.3							
	OBS	00175	10.00	35.16	27.10		1493.5							
	OBS	00186	09.50	35.07	27.11		1491.7							
	OBS	00190	08.80	34.96	27.14		1489.0							
	OBS	00194	08.78	34.96	27.14		1489.0							
	STO	00200	08.55	34.95	27.17	00.222	1488.2							
	OBS	00203	08.41	34.86	27.12		1487.6							
	OBS	00205	07.94	34.79	27.14		1485.8							
	OBS	00226	07.76	34.82	27.19		1485.9							
	STO	00250	07.87	34.88	27.22	00.268	1486.4							
	OBS	00251	07.89	34.88	27.22		1486.5							
	OBS	00255	07.96	34.89	27.21		1486.8							
	OBS	00266	07.85	34.94	27.26		1486.8							
	OBS	00268	07.51	34.89	27.28		1483.3							
	OBS	00281	07.37	34.85	27.27		1484.9							
	OBS	00291	06.83	34.74	27.26		1482.8							
	OBS	00293	06.26	34.74	27.33		1480.6							
	STO	00300	05.99	34.72	27.35	00.310	1479.6							
	OBS	00300	05.97	34.72	27.36		1479.5							
	OBS	00312	05.50	34.72	27.37		1479.4							
	OBS	00317	06.83	34.54	27.42		1463.5							
	OBS	00333	06.33	34.84	27.40		1481.7							
	OBS	00352	06.04	34.81	27.42		1460.8							
	OBS	00357	05.91	34.75	27.42		1480.3							
	OBS	00363	05.56	34.75	27.43		1479.0							
	OBS	00369	05.49	34.71	27.41		1478.7							
	OBS	00373	05.22	34.68	27.42		1477.6							
	OBS	00390	04.55	34.76	27.51		1476.9							
	OBS	00394	05.48	34.84	27.51		1479.2							
	OBS	00399	05.63	34.88	27.53		1480.0							
	STO	00400	05.62	34.88	27.53	00.380	1480.0							
	OBS	00403	05.54	34.86	27.52		1479.7							
	OBS	00405	05.56	34.86	27.52		1479.8							
	OBS	00413	05.13	34.82	27.54		1478.1							
	OBS	00426	05.04	34.81	27.54		1477.9							
	OBS	00428	05.40	34.89	27.56		1479.3							
	OBS	00451	05.24	34.88	27.57		1479.4							
	OBS	00458	05.25	34.85	27.58		1479.0							
	OBS	00460	04.68	34.80	27.57		1477.0							
	OBS	00470	04.55	34.82	27.60		1476.8							
	OBS	00474	04.86	34.89	27.63		1476.1							
	OBS	00487	05.41	34.95	27.64		1480.7							
	OBS	00498	05.22	34.93	27.62		1480.0							
	STO	00500	05.06	34.91	27.62	00.438	1479.4							
	OBS	00502	04.81	34.89	27.63		1478.4							
	OBS	00517	04.68	34.88	27.64		1478.1							
	OBS	00531	04.68	34.94	27.66		1479.2							
	OBS	00540	05.31	35.02	27.68		1481.2							
	OBS	00546	05.52	35.07	27.69		1482.2							
	OBS	00559	05.61	35.09	27.64		1482.8							
	STO	00600	05.35	35.07	27.71	00.488	1482.6							
	OBS	00601	05.36	35.07	27.71		1482.6							
	OBS	00651	05.16	35.05	27.72		1482.5							
	STO	00700	04.98	35.03	27.72	00.536	1482.5							
	OBS	00702	04.97	35.03	27.72		1482.5							
	OBS	00750	04.77	35.02	27.74		1482.3							
	STO	00800	04.56	34.98	27.73	00.582	1482.4							
	OBS	00807	04.54	34.98	27.73		1482.4							
	OBS	00852	04.41	34.98	27.75		1482.6							
	STO	00900	04.32	34.98	27.76	00.627	1483.1							
	OBS	00911	04.30	34.98	27.76		1483.2							
	OBS	00955	04.23	34.985	27.77		1483.6							
	STO	01000	04.14	34.98	27.78	00.671	1484.0							
	OBS	01007	04.12	34.975	27.78		1484.0							
	OBS	01062	03.86	34.93	27.77		1483.8							
	OBS	01064	03.66	34.93	27.77		1483.6							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATICAL DATA

REFID 31	8463	YEAR 1975	BDTOP 03635	AIR TEMP 08.7	DIR MGT PER	WIND-DIR 25	INST STD RECORDER	TEN SQ 1306
CONSEC 0048	MONTH 05	SHIP EV	WET BULB 07.0	23 5 4	WIND-SPC 22	TRACE CIR 0	5 SQUARE 2	
LA 44 17.5N	DAY 30	DATA USE 1	BAROMETR 0993.8	SEA	WIND-FOR	OUR4710A	2 SQUARE 46	
LONG 147 22.8W	MOOR 15.2	AREA 05	CLCUD T/A	CL/FR	WEATHER X2	ORIG 011 827 10	1 SQUARE 47	

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNMPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
15.2	STD	00000	10.73	35.04	26.87	00.000	1453.1							
	085	00001	10.73	35.04	26.87		1453.1							
	STD	00010	10.73	35.04	26.88	00.012	1453.2							
	STD	00020	10.73	35.05	26.88	00.024	1453.4							
	STD	00030	10.73	35.05	26.88	00.036	1453.6							
	085	00032	10.73	35.05	26.88		1453.6							
	STD	00050	10.74	35.05	26.88	00.059	1453.9							
	085	00053	10.75	35.05	26.88		1494.0							
	STD	00075	10.96	35.11	26.88	00.089	1495.2							
	085	00076	10.97	35.11	26.89		1455.3							
	085	00093	11.25	35.20	26.90		1496.6							
	STD	00100	11.39	35.24	26.91	00.119	1457.3							
	085	00100	11.41	35.25	26.91		1457.4							
	STD	00125	11.61	35.35	26.95	00.148	1458.6							
	085	00125	11.61	35.35	26.95		1458.6							
	STD	00150	11.51	35.40	27.01	00.176	1498.7							
	085	00152	11.47	35.40	27.02		1458.6							
	085	00159	11.32	35.38	27.03		1458.2							
	085	00161	10.51	35.32	27.06		1456.7							
	085	00173	10.77	35.30	27.07		1456.4							
	085	00175	10.55	35.28	27.09		1455.7							
	085	00184	10.12	35.16	27.08		1454.1							
	085	00190	10.03	35.15	27.08		1453.8							
	085	00192	09.44	35.07	27.12		1453.6							
	STD	00200	09.26	35.05	27.14	00.226	1451.0							
	085	00201	09.26	35.05	27.13		1451.0							
	085	00205	09.30	35.06	27.14		1451.3							
	085	00209	08.44	34.95	27.19		1488.0							
	085	00213	08.07	34.86	27.17		1486.5							
	085	00230	08.15	34.85	27.16		1487.1							
	085	00236	08.28	34.92	27.19		1487.8							
	STD	00250	07.71	34.85	27.22	00.275	1485.7							
	085	00253	07.60	34.84	27.23		1485.3							
	085	00272	07.03	34.77	27.25		1483.3							
	085	00283	07.85	34.95	27.28		1486.6							
	STD	00300	07.36	34.88	27.30	00.318	1485.2							
	085	00302	07.33	34.87	27.29		1485.1							
	085	00304	07.32	34.88	27.30		1485.1							
	085	00317	06.87	34.82	27.32		1483.5							
	085	00340	06.18	34.76	27.36		1481.1							
	085	00344	05.60	34.70	27.39		1478.7							
	085	00350	05.45	34.65	27.40		1478.2							
	STD	00400	05.39	34.78	27.47	00.394	1478.6							
	085	00403	05.38	34.78	27.48		1478.6							
	085	00432	05.26	34.80	27.51		1478.6							
	085	00466	05.22	34.85	27.55		1479.4							
	085	00470	04.51	34.80	27.55		1478.1							
	085	00481	04.79	34.80	27.56		1477.8							
	085	00493	04.39	34.78	27.55		1476.3							
	085	00496	04.73	34.83	27.60		1477.9							
	STD	00500	04.70	34.83	27.60	00.455	1477.8							
	085	00506	04.63	34.83	27.60		1477.6							
	085	00510	04.53	34.50	27.63		1479.0							
	085	00533	04.75	34.86	27.63		1478.8							
	085	00544	04.32	34.80	27.61		1476.5							
	085	00553	04.35	34.82	27.63		1477.2							
	085	00561	04.05	34.78	27.63		1476.0							
	085	00563	03.58	34.80	27.65		1475.8							
	085	00578	04.44	34.86	27.67		1478.1							
	085	00590	04.65 P	34.88	27.640*									
	STD	00600	04.19	34.86	27.68	00.507	1477.4							
	085	00605	04.16	34.85	27.67		1477.4							
	085	00611	04.16	34.87	27.69		1477.4							
	085	00614	04.64	34.96	27.71		1479.6							
	085	00643	04.62	34.96	27.71		1480.0							
	085	00652	04.47	34.93	27.70		1479.5							
	STD	00700	04.65	34.98	27.72	00.554	1481.1							
	085	00704	04.66	34.98	27.72		1481.2							
	085	00755	04.57	34.98	27.73		1481.7							
	STD	00800	04.47	34.97	27.73	00.600	1482.0							
	085	00801	04.47	34.97	27.73		1482.0							
	085	00850	04.30	34.95	27.74		1482.1							
	STD	00900	04.20	34.95	27.75	00.646	1482.5							
	085	00900	04.20	34.95	27.75		1482.5							
	085	00953	04.12	34.55	27.76		1483.1							
	085	00957	03.51	34.52	27.75		1482.9							
	STD	01000	03.91	34.52	27.75	00.691	1482.9							
	085	01001	03.51	34.52	27.75		1482.9							
	085	01054	03.95	34.53	27.76		1484.0							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOCC STATION DATA

REFID 31 8463	YEAR 1975	BOATOP 03900	AIR TEMP 07.6	DIR HCT PER	WIND-OIR 24	INST STD RECORDER	TEN SQ 1306
CDASEC 0045	MONTH 05	SHIP EV	WET BULB 05.9	23 5 3	WIND-SPD 22	TRACE OIR 0	5 SQUARE 2
LAT 44 12.5N	DAY 30	DATA USE 1	BAROMETR 0596.0	SEA	WIND-FDR	DURATION 00.4	2 SQUARE 46
LONG 046 56.2W	MOOR 18.3	AREA 05	CLOUD 7/A	CL/TR	WEATHER X4	ORIG C11 B28	1 SQUARE 46

CASTNO/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPT	SND VEL	OAYG	P04	TOT P	MO2	MO3	SIO3	PH
18.3	STD	00000	05.86	34.88	26.90	00.000	1485.7							
	OBS	00003	05.86	34.88	26.90		1489.8							
	STD	00010	05.86	34.88	26.90	00.012	1485.5							
	OBS	00015	05.86	34.88	26.90		1450.0							
	STD	00020	05.87	34.88	26.90	00.023	1450.1							
	OBS	00020	05.87	34.88	26.90		1450.1							
	STD	00030	05.89	34.89	26.90	00.035	1450.3							
	OBS	00030	05.89	34.89	26.90		1450.3							
	STD	00050	05.95	34.90	26.90	00.058	1450.9							
	OBS	00051	05.95	34.90	26.90		1450.9							
	OBS	00064	05.93	34.93	26.93		1451.1							
	OBS	00066	05.97	34.96	26.95		1491.3							
	OBS	00068	05.92	34.96	26.95		1491.2							
	OBS	00074	05.68	34.93	26.97		1450.3							
	STD	00075	05.36	34.85	26.95	00.087	1485.1							
	OBS	00079	07.77	34.66	27.06		1482.5							
	OBS	00083	06.97	34.53	27.07		1475.7							
	STD	00100	06.71	34.56	27.14	00.112	1475.0							
	OBS	00104	06.65	34.57	27.15		1478.8							
	STD	00125	06.46	34.58	27.18	00.136	1478.4							
	OBS	00125	06.45	34.58	27.18		1478.4							
	STD	00150	06.76	34.68	27.22	00.158	1480.1							
	OBS	00150	06.76	34.68	27.22		1480.2							
	OBS	00171	06.89	34.75	27.26		1481.1							
	OBS	00178	06.65	34.71	27.25		1480.4							
	OBS	00180	06.33	34.63	27.24		1478.5							
	OBS	00192	06.53	34.82	27.31		1481.7							
	OBS	00194	06.94	34.81	27.30		1481.8							
	STD	00200	06.81	34.82	27.32	00.200	1481.4							
	OBS	00201	06.78	34.62	27.33		1481.3							
	OBS	00218	06.56	34.75	27.33		1480.6							
	OBS	00226	06.74	34.82	27.33		1481.5							
	STD	00250	05.57	34.78	27.40	00.23E	1478.8							
	OBS	00257	05.86	34.77	27.41		1478.4							
	OBS	00276	05.83	34.81	27.45		1478.7							
	STD	00300	05.84	34.87	27.49	00.272	1475.2							
	OBS	00304	05.84	34.87	27.49		1479.3							
	OBS	00316	05.68	34.86	27.50		1478.8							
	OBS	00325	06.08	34.94	27.52		1480.7							
	OBS	00342	05.53	34.88	27.54		1478.7							
	OBS	00350	05.46	34.89	27.55		1478.5							
	OBS	00376	05.31	34.90	27.56		1479.2							
	OBS	00376	05.16	34.87	27.57		1477.7							
	STD	00400	05.08	34.85	27.60	00.331	1477.8							
	OBS	00401	05.07	34.85	27.60		1477.8							
	OBS	00403	05.40	34.97	27.63		1479.3							
	OBS	00445	05.18	34.95	27.64		1475.0							
	OBS	00454	04.57	34.51	27.63		1478.3							
	OBS	00462	04.89	34.51	27.64		1478.1							
	OBS	00472	05.11	34.97	27.66		1479.2							
	STD	00500	04.88	34.54	27.66	00.383	1478.7							
	OBS	00500	04.87	34.94	27.66		1478.6							
	OBS	00517	05.15	34.95	27.67		1480.1							
	OBS	00525	04.84	34.55	27.68		1479.0							
	OBS	00553	04.79	34.96	27.69		1475.2							
	STD	00600	04.72	34.57	27.70	00.432	1475.7							
	OBS	00601	04.72	34.97	27.71		1479.7							
	OBS	00651	04.64	34.99	27.73		1480.3							
	STD	00700	04.49	34.97	27.73	00.478	1480.4							
	OBS	00706	04.48	34.57	27.73		1480.5							
	OBS	00751	04.45	34.58	27.74		1481.1							
	STD	00800	04.33	34.56	27.74	00.522	1481.4							
	OBS	00803	04.32	34.56	27.74		1481.4							
	OBS	00852	04.29	34.98	27.76		1482.1							
	STD	00900	04.34	34.98	27.76	00.567	1483.1							
	OBS	00900	04.34	34.98	27.76		1483.1							
	OBS	00953	04.10	34.56	27.77		1483.0							
	STD	01000	04.05	34.96	27.77	00.611	1483.6							
	OBS	01001	04.05	34.96	27.77		1483.6							
	OBS	01033	03.58	34.95	27.77		1483.8							
	OBS	01058	03.98	34.55	27.77		1484.2							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOO C S T A T I O N D A T A

REF ID	31	8463	YEAR	1975	BCTDP	03854	AIR TEMP	08.0	DIR	MGT	PER	WIND-OIR	23	INST	STO	RECORDER	TEN	SC	1306	
CCNSEC		0050	MONTH	05	SHIP	EV	WET	BULB	06.5	24	4	4	WIND-SPO	24	TRACE	CIR	0	5	SQUARE	2
LAT	44	07.8N	DAY	30	DATA	USE	1	BARDMETR	0997.2	SEA		WIND-FOR		CURATION		00.4	2	SQUARE	46	
LONG	046	23.5W	HOUR	21.5	AREA	05		CLOUD	T/A	CL/7R		WEATHER	X2	ORIG	C11	829	1	SQUARE	46	

CAS	NUM	TIME	LVL	TYPE	DEPTH	TEMP	SAL	SIGMA-T	DYN	DEPTH	SND	VEL	CXYG	PO4	TCT	#	NO2	NO3	SIO3	PH
			STO		00000	08.75	34.45	26.75		00.000	1485.1									
21.5			OBS		00000	08.75	34.45	26.75			1485.1									
			STO		00010	08.74	34.45	26.75		00.013	1485.2									
			OBS		00010	08.74	34.45	26.75			1485.2									
			STO		00020	08.74	34.45	26.75		00.026	1485.3									
			OBS		00020	08.74	34.45	26.75			1485.3									
			STO		00030	08.75	34.45	26.75		00.039	1485.5									
			OBS		00030	08.75	34.45	26.75			1485.5									
			STO		00050	10.48	34.94	26.84		00.065	1492.9									
			OBS		00050	10.48	34.94	26.84			1492.9									
			OBS		00053	09.05	34.72	26.91			1487.4									
			OBS		00064	08.87	34.62	27.02			1487.0									
			OBS		00068	08.48	34.75	27.02			1485.6									
			OBS		00070	07.91	34.72	27.09			1483.4									
			STO		00075	07.69	34.70	27.11		00.052	1482.6									
			STO		00100	06.94	34.65	27.17		00.116	1480.0									
			OBS		00110	06.85	34.64	27.18			1479.8									
			OBS		00114	06.85	34.64	27.18			1479.9									
			STO		00125	06.85	34.63	27.17		00.139	1480.0									
			OBS		00125	06.85	34.63	27.17			1480.0									
			STO		00150	06.94	34.71	27.22		00.162	1480.9									
			OBS		00169	07.01	34.77	27.26			1481.6									
			OBS		00173	06.04	34.63	27.28			1477.6									
			OBS		00184	06.79	34.83	27.33			1481.0									
			STO		00200	06.77	34.83	27.34		00.203	1481.2									
			OBS		00228	06.72	34.83	27.34			1481.5									
			OBS		00232	07.03	34.51	27.36			1482.9									
			STO		00250	06.83	34.95	27.42		00.241	1482.4									
			OBS		00251	06.83	34.95	27.42			1482.4									
			OBS		00260	06.85	34.99	27.45			1482.7									
			STO		00300	06.27	34.92	27.47		00.275	1481.0									
			OBS		00304	06.20	34.91	27.48			1480.8									
			OBS		00310	06.35	34.97	27.50			1481.5									
			OBS		00335	06.20	34.97	27.52			1481.4									
			OBS		00359	05.80	34.90	27.52			1480.1									
			OBS		00373	05.05	34.83	27.56			1477.1									
			OBS		00375	04.92	34.85	27.55			1476.7									
			STO		00400	05.11	34.90	27.60		00.335	1477.9									
			OBS		00416	05.14	34.92	27.61			1478.4									
			OBS		00451	05.08	34.95	27.65			1478.7									
			STO		00500	05.16	34.98	27.66		00.388	1479.9									
			OBS		00500	05.16	34.98	27.66			1479.9									
			OBS		00552	05.04	34.98	27.68			1480.3									
			STO		00600	04.75	34.97	27.70		00.437	1480.0									
			OBS		00605	04.77	34.97	27.70			1480.0									
			OBS		00667	04.57	34.97	27.72			1480.5									
			STO		00700	04.59	34.98	27.73		00.463	1480.8									
			OBS		00700	04.59	34.98	27.73			1480.9									
			OBS		00750	04.61	34.99	27.73			1481.8									
			STO		00800	04.52	34.98	27.74		00.529	1482.2									
			OBS		00801	04.52	34.98	27.74			1482.2									
			OBS		00871	04.28	34.96	27.75			1482.4									
			STO		00900	04.25	34.96	27.75		00.574	1482.7									
			OBS		00902	04.25	34.96	27.75			1482.8									
			OBS		00946	04.21	34.98	27.75			1483.3									
			OBS		00987	04.21	34.96	27.75			1484.0									
			STO		01000	04.24	34.97	27.76		00.619	1484.4									
			OBS		01003	04.24	34.97	27.76			1484.4									
			OBS		01022	04.23	34.97	27.76			1484.7									

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

NODE STATION DATA

REFID 31 0463	YEAR 1975	BOTOP 03650	AIR TEMP 06.1	DIR HGT PER	WIND-DIR 23	INST STO RECORER	TEN SQ 1306
CONSEC 0031	MONTH 05	SHIP EV	WET BULB 05.5	24 2 5	WIND-SPD 26	TRACE DIR 0	5 SQUARE 2
LA* 43 55.04	DAY 31	DATA USE 1	BAROMETR 1000.3	SEA	WIND-FOR	DURATION 00.3	2 SQUARE 24
LONG 045 45.04	HOUR 01.1	AREA 05	CLOUD T/A	CL/TR	WEATHER X2	ORIG C11 830	1 SQUARE 35

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SWO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
01.1	STO	00000	05.70	34.74	26.82	00.000	1489.0							
	OBS	00000	05.70	34.74	26.82		1489.0							
	STO	00010	05.68	34.74	26.82	00.012	1489.1							
	OBS	00010	05.68	34.74	26.82		1489.1							
	STO	00020	05.68	34.74	26.82	00.025	1489.2							
	OBS	00020	05.68	34.74	26.82		1489.2							
	STO	00030	05.67	34.73	26.82	00.037	1489.3							
	OBS	00030	05.67	34.73	26.82		1489.3							
	STO	00050	05.30	34.72	26.87	00.062	1488.3							
	OBS	00050	05.30	34.72	26.87		1488.3							
	STO	00065	08.80	34.72	26.95		1486.7							
	OBS	00065	08.80	34.72	26.95		1486.7							
	STO	00075	07.50	34.54	27.01	00.090	1481.6							
	OBS	00075	07.50	34.54	27.01		1481.6							
	STO	00100	07.25	34.46	27.00		1480.7							
	OBS	00100	07.25	34.46	27.00		1480.7							
	STO	00125	07.68	34.77	27.13	00.116	1483.8							
	OBS	00125	07.68	34.77	27.13		1483.8							
	STO	00150	07.32	34.72	27.17	00.135	1482.0							
	OBS	00150	07.32	34.72	27.17		1482.0							
	STO	00170	07.07	34.73	27.22	00.162	1481.4							
	OBS	00170	07.07	34.73	27.22		1481.4							
	STO	00180	06.50	34.76	27.26		1481.1							
	OBS	00180	06.50	34.76	27.26		1481.1							
	STO	00190	06.45	34.71	27.29		1479.4							
	OBS	00190	06.45	34.71	27.29		1479.4							
	STO	00200	05.65	34.56	27.27		1478.5							
	OBS	00200	05.65	34.56	27.27		1478.5							
	STO	00210	05.85	34.68	27.34	00.203	1477.3							
	OBS	00210	05.85	34.68	27.34		1477.3							
	STO	00225	05.75	34.69	27.36		1477.1							
	OBS	00225	05.75	34.69	27.36		1477.1							
	STO	00230	06.25	34.79	27.38		1479.5							
	OBS	00230	06.25	34.79	27.38		1479.5							
	STO	00250	05.70	34.75	27.41	00.240	1477.6							
	OBS	00250	05.70	34.75	27.41		1477.6							
	STO	00280	05.30	34.71	27.43		1476.5							
	OBS	00280	05.30	34.71	27.43		1476.5							
	STO	00290	05.15	34.74	27.47		1476.1							
	OBS	00290	05.15	34.74	27.47		1476.1							
	STO	00300	05.38	34.80	27.49	00.274	1477.2							
	OBS	00300	05.38	34.80	27.49		1477.2							
	STO	00330	05.92	34.80	27.55		1478.2							
	OBS	00330	05.92	34.80	27.55		1478.2							
	STO	00370	05.20	34.86	27.56		1477.7							
	OBS	00370	05.20	34.86	27.56		1477.7							
	STO	00400	04.85	34.84	27.59	00.334	1476.8							
	OBS	00400	04.85	34.84	27.59		1476.8							
	STO	00430	04.70	34.87	27.63		1476.7							
	OBS	00430	04.70	34.87	27.63		1476.7							
	STO	00450	04.95	34.93	27.65		1478.1							
	OBS	00450	04.95	34.93	27.65		1478.1							
	STO	00500	04.93	34.96	27.67	00.386	1478.9							
	OBS	00500	04.93	34.96	27.67		1478.9							
	STO	00600	04.60	34.58	27.70	00.434	1480.1							
	OBS	00600	04.60	34.58	27.70		1480.1							
	STO	00700	04.48	34.58	27.74	00.475	1480.4							
	OBS	00700	04.48	34.58	27.74		1480.4							
	STO	00747	04.57	35.00	27.75		1481.6							
	OBS	00747	04.57	35.00	27.75		1481.6							
	STO	00800	04.45	34.98	27.74	00.524	1481.9							
	OBS	00800	04.45	34.98	27.74		1481.9							
	STO	00900	04.30	34.98	27.76	00.568	1483.0							
	OBS	00900	04.30	34.98	27.76		1483.0							
	STO	01000	04.10	34.95	27.76	00.613	1483.8							
	OBS	01000	04.10	34.95	27.76		1483.8							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

M O D C S T A T I O N D A T A

REFID 31 8463	YEAR 1975	BOTOP 04460	AIR TEMP 06.0	DIR HGT PER	WIND-DIR 24	INST STE RECORDER	TEN SO 1306
CONSEC 0052	MONTH 05	SHIP EV	WET BULB 05.7	30 2 3	WIND-SPD 20	TRACE CIR 0	5 SQUARE 2
LAT 43 53.4N	DAY 31	DATA USE 1	SAROMETR 1001.5	SEA	WIND-FDR	DURATION 00.4	2 SQUARE 24
LONG 045 16.5W	MOOR 03.8	AREA 05	CLOUD T/A	CL/TR	WEATHER X2	ORIG C11 831	1 SQUARE 35

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DTNOPHT	SNO VEL	OAYC	PO4	TOT \bar{P}	MO2	MO3	S103	PM
03.8	STO	00000	07.37	33.95	26.56	00.000	1479.1							
	085	00000	07.37	33.95	26.56		1479.1							
	STO	00010	07.25	33.95	26.58	00.015	1478.8							
	085	00010	07.25	33.95	26.58		1478.8							
	STO	00020	07.17	33.93	26.57	00.029	1478.6							
	085	00020	07.17	33.93	26.57		1478.6							
	STO	00030	07.13	33.93	26.58	00.044	1478.6							
	085	00030	07.13	33.93	26.58		1478.6							
	085	00040	06.45	33.90	26.65		1476.1							
	STO	00050	05.95	33.83	26.66	00.073	1474.1							
	085	00050	05.95	33.83	26.66		1474.1							
	STO	00075	05.75	34.23	27.00	00.104	1474.3							
	085	00075	05.75	34.23	27.00		1474.3							
	STO	00100	07.15	34.59	27.10	00.130	1480.7							
	085	00100	07.15	34.55	27.10		1480.7							
	085	00110	07.32	34.65	27.12		1481.6							
	STO	00125	07.27	34.67	27.14	00.154	1481.7							
	085	00125	07.27	34.67	27.14		1481.7							
	085	00135	07.03	34.64	27.15		1480.9							
	085	00140	07.22	34.68	27.16		1481.8							
	STO	00150	07.17	34.70	27.18	00.176	1481.6							
	085	00150	07.17	34.70	27.18		1481.6							
	085	00170	07.20	34.75	27.21		1482.3							
	085	00175	06.78	34.72	27.25		1480.7							
	085	00184	06.95	34.72	27.23		1481.5							
	STO	00200	06.25	34.61	27.23	00.222	1478.9							
	085	00200	06.25	34.61	27.23		1478.9							
	085	00215	06.00	34.54	27.21		1478.0							
	085	00225	06.54	34.76	27.31		1480.6							
	085	00230	06.66	34.78	27.31		1481.2							
	STO	00250	06.55	34.80	27.34	00.264	1481.1							
	085	00250	06.55	34.80	27.34		1481.1							
	085	00280	06.08	34.78	27.39		1476.7							
	STO	00300	05.10	34.67	27.42	00.301	1475.9							
	085	00300	05.10	34.67	27.42		1475.9							
	085	00325	04.17	34.57	27.45		1472.3							
	085	00350	05.05	34.75	27.45		1476.6							
	085	00360	05.36	34.81	27.50		1478.2							
	STO	00400	05.15	34.83	27.54	00.366	1478.0							
	085	00400	05.15	34.83	27.54		1478.0							
	085	00405	05.04	34.82	27.55		1477.6							
	085	00437	05.21	34.50	27.59		1478.9							
	085	00450	05.15	34.52	27.62		1478.9							
	085	00472	04.75	34.67	27.62		1477.6							
	STO	00500	04.63	34.67	27.64	00.422	1477.6							
	085	00500	04.63	34.67	27.64		1477.6							
	085	00510	04.52	34.53	27.65		1479.0							
	085	00520	04.57	34.87	27.64		1477.6							
	085	00548	04.51	34.58	27.68		1476.6							
	085	00560	04.73	34.93	27.67		1476.0							
	STO	00600	04.83	34.94	27.67	00.473	1480.1							
	085	00600	04.83	34.94	27.67		1480.1							
	085	00650	04.75	34.58	27.71		1480.2							
	085	00670	04.57	34.56	27.71		1480.2							
	STO	00700	04.56	35.00	27.75	00.520	1480.8							
	085	00700	04.56	35.00	27.75		1480.8							
	STO	00800	04.37	34.97	27.74	00.564	1481.6							
	085	00800	04.37	34.97	27.74		1481.6							
	STO	00900	04.14	34.95	27.75	00.605	1482.3							
	085	00900	04.14	34.95	27.75		1482.3							
	STO	01000	04.03	34.95	27.76	00.653	1483.5							
	085	01000	04.03	34.95	27.76		1483.5							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA														
REFID 31 8423	YEAR 1975	BOTDP 03505	AIR TEMP 06.8	OIR HGT PER	WIND-OIR 24	INST STO RECDADR	TEM 50 1306							
CONSEC 0023	MONTH 03	SHIP EV	WET BULB 05.4	25 3 5	WIND-SPO 26	TRACE OIR 0	5 SQUARE 1							
LA" 43 48.54	DAY 31	DATA USE 1	BAROMETER 1003.3	SEA	WIND-FOR	DURATION 00.3	2 SQUARE 24							
LONG 044 48.0W	MOOR 07.1	AREA 05	CLOUD T/A	CL/TA	WEATHER X2	ORIG OIL 832	1 SQUARE 34							
								0						
CASSTN/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	GYMOPHT	SNO VEL	OXYG	PO4	TOT P	MO2	MO3	S103	PH
07.1	STO	00003	07.53	34.04	26.61	00.000	1479.9							
	OBS	00000	07.53	34.04	26.61		1479.9							
	STO	00010	07.53	34.04	26.61	00.014	1480.0							
	OBS	00010	07.53	34.04	26.61		1480.0							
	STO	00020	07.53	34.04	26.61	00.025	1480.2							
	OBS	00020	07.53	34.04	26.61		1480.2							
	STO	00030	07.53	34.04	26.61	00.043	1480.4							
	OBS	00030	07.53	34.04	26.61		1480.4							
	STO	00050	07.60	34.07	26.62	00.072	1481.0							
	OBS	00050	07.60	34.07	26.62		1481.0							
	OBS	00053	06.18	33.92	26.70		1475.2							
	OBS	00057	06.23	34.00	26.76		1475.6							
	OBS	00059	06.65	34.11	26.78		1477.6							
	OBS	00060	06.70	34.07	26.73 *		1477.6							
	OBS	00062	07.39	34.32	26.85		1480.7							
	OBS	00068	07.76	34.30	26.78 *		1482.2							
	OBS	00070	08.28	34.47	26.84		1484.5							
	STO	00075	07.90	34.43	26.87	00.103	1483.0							
	STO	00100	06.62	34.24	26.90	00.135	1478.2							
	OBS	00112	06.47	34.15	26.84 *		1477.7							
	OBS	00116	06.49	34.17	26.86		1477.8							
	OBS	00118	05.83	34.17	26.94		1475.2							
	STO	00125	07.01	34.51	27.03	00.163	1480.5							
	OBS	00125	07.04	34.52	27.06		1480.6							
	OBS	00133	06.45	34.46	27.09		1478.4							
	STC	00150	06.76	34.53	27.11	00.188	1480.0							
	OBS	00167	06.94	34.59	27.13		1481.0							
	STO	00200	06.51	34.60	27.19	00.236	1479.9							
	OBS	00243	06.04	34.61	27.26		1478.7							
	STO	00250	05.98	34.64	27.29	00.276	1478.6							
	OBS	00251	05.57	34.65	27.30		1478.6							
	OBS	00255	06.08	34.68	27.31		1476.2							
	STO	00300	05.83	34.69	27.35	00.315	1478.9							
	OBS	00304	05.77	34.71	27.37		1478.8							
	OBS	00308	05.72	34.73	27.40		1478.7							
	OBS	00319	06.27	34.84	27.41		1481.2							
	OBS	00331	05.99	34.77	27.39		1480.2							
	OBS	00359	04.68	34.68	27.48		1475.2							
	OBS	00371	04.77	34.72	27.50		1475.8							
	OBS	00373	04.67	34.70	27.50		1475.4							
	STO	00400	04.67	34.75	27.54	00.388	1475.5							
	OBS	00420	04.75	34.80	27.57		1476.6							
	OBS	00451	04.58	34.88	27.60		1478.2							
	OBS	00491	04.34	34.84	27.62		1477.0							
	STO	00500	04.38	34.82	27.60	00.446	1477.3							
	OBS	00502	04.59	34.82	27.60		1477.4							
	OBS	00552	04.64	34.94	27.67		1475.4							
	STO	00600	04.60	34.50	27.66	00.458	1479.1							
	OBS	00603	04.59	34.50	27.66		1475.2							
	OBS	00681	04.75	34.98	27.71		1481.2							
	STO	00700	04.65	34.56	27.71	00.547	1481.1							
	OBS	00702	04.64	34.56	27.71		1481.1							
	OBS	00750	04.64	34.98	27.72		1481.5							
	STO	00800	04.56	34.98	27.73	00.594	1482.4							
	OBS	00803	04.55	34.98	27.73		1482.4							
	OBS	00871	04.38	34.97	27.74		1482.8							
	STO	00900	04.32	34.96	27.74	00.640	1483.0							
	OBS	00900	04.32	34.96	27.74		1483.0							
	OBS	00989	04.23	34.96	27.75		1484.1							
	STO	01000	04.21	34.96	27.75	00.686	1484.2							
	OBS	01005	04.20	34.96	27.75		1484.3							
	OBS	01062	04.14	34.96	27.76		1485.0							
	OBS	01067	04.14	34.96	27.76		1485.1							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFIC 31	8463	YEAR 1975	BOTOP 04442	AIR TEMP 07.9	OIR MGT PER	WIND-OIR 25	INST STO RECDROER	TEN SO 1306
CONSEC	0034	MOATM 05	SNIP EV	WET BULB 00.5	24 3 3	WIND-SPO 31	TRACE OIR 0	5 SQUARE 2
LAT 44	14.34	OAY 31	DATA USE 1	BAROMETR 1006.6	SEA	WIND-FDA	DURATION 00.4	2 SQUARE 44
LONG 045	24.04	MOUR 18.1	AREA 05	CLOUD T/A	CL/7R	WEATHER X2	DR16 C11 833	1 SQUARE 45

CASTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNDEPTH	SNO VEL	OXYG	PO4	TCT P	NO2	NO3	S103	PH
18.1	STD	00000	06.99	33.92	26.56	00.000	1477.6							
	OBS	00001	06.99	33.92	26.59		1477.6							
	STD	00010	06.99	33.93	26.60	00.015	1477.8							
	OBS	00013	06.99	33.93	26.60		1477.8							
	STD	00020	07.10	34.05	26.68	00.025	1478.3							
	OBS	00020	07.11	34.05	26.68		1478.6							
	OBS	00024	07.17	34.04	26.66		1478.9							
	OBS	00026	08.24	34.31	26.72		1483.4							
	STD	00030	08.29	34.32	26.71	00.042	1483.6							
	OBS	00032	08.31	34.32	26.71		1483.8							
	STD	00050	08.30	34.33	26.72	00.065	1484.0							
	OBS	00051	08.30	34.33	26.72		1484.0							
	OBS	00062	08.62	34.54	26.84		1485.7							
	OBS	00066	08.28	34.45	26.82		1484.4							
	OBS	00070	07.56	34.43	26.51		1481.6							
	OBS	00072	07.14	34.34	26.90		1475.9							
	STD	00075	06.51	34.40	27.03	00.095	1477.6							
	OBS	00076	06.49	34.43	27.06		1477.5							
	OBS	00078	06.76	34.49	27.07		1478.7							
	OBS	00079	06.83	34.44	27.02		1479.0							
	OBS	00081	06.40	34.40	27.05		1477.2							
	STD	00100	05.96	34.47	27.16	00.124	1475.9							
	OBS	00100	05.94	34.47	27.16		1475.8							
	OBS	00112	05.68	34.47	27.20		1474.5							
	STD	00125	06.02	34.58	27.24	00.146	1476.6							
	OBS	00125	06.03	34.58	27.24		1476.7							
	STD	00150	06.12	34.66	27.29	00.167	1477.6							
	OBS	00150	06.13	34.66	27.29		1477.6							
	OBS	00159	06.56	34.78	27.33		1479.7							
	OBS	00177	06.85	34.85	27.34		1481.2							
	OBS	00182	07.03	34.88	27.34		1482.0							
	OBS	00194	07.56	34.99	27.35		1484.4							
	STD	00200	07.51	34.96	27.33	00.207	1484.3							
	OBS	00201	07.37	34.94	27.34		1483.7							
	OBS	00205	06.88	34.85	27.37		1481.8							
	OBS	00230	05.94	34.76	27.39		1478.3							
	OBS	00232	05.63	34.74	27.42		1477.1							
	STD	00250	05.94	34.75	27.43	00.244	1477.0							
	OBS	00251	05.52	34.75	27.44		1476.9							
	OBS	00272	04.76	34.68	27.47		1474.2							
	OBS	00287	04.15	34.64	27.51		1471.7							
	STD	00300	04.25	34.67	27.52	00.276	1472.4							
	OBS	00302	04.27	34.68	27.52		1472.5							
	OBS	00352	04.44	34.78	27.59		1474.2							
	STD	00400	04.78	34.86	27.61	00.333	1476.5							
	OBS	00407	04.81	34.67	27.62		1476.8							
	OBS	00434	04.85	34.94	27.66		1478.0							
	STD	00500	05.06	35.00	27.69	00.384	1479.5							
	OBS	00500	05.06	35.00	27.69		1479.5							
	OBS	00550	05.00	35.01	27.70		1480.1							
	STD	00600	04.74	34.99	27.72	00.430	1479.8							
	OBS	00603	04.73	34.99	27.72		1479.8							
	OBS	00651	04.59	34.98	27.73		1480.0							
	STD	00700	04.51	34.98	27.74	00.475	1480.5							
	OBS	00706	04.50	34.98	27.74		1480.6							
	OBS	00751	04.38	34.97	27.74		1480.8							
	STD	00800	04.28	34.97	27.75	00.515	1481.2							
	OBS	00805	04.27	34.97	27.76		1481.3							
	OBS	00854	04.18	34.96	27.76		1481.7							
	STD	00900	04.15	34.96	27.76	00.563	1482.3							
	OBS	00951	04.09	34.96	27.77		1482.9							
	STD	01000	04.02	34.95	27.77	00.606	1483.4							
	OBS	01001	04.02	34.95	27.77		1483.4							
	OBS	01022	03.96	34.94	27.76		1483.5							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MDDC STATION DATA

REFIC 31	8463	YEAR 1975	80TOP 03654	AIR TEMP 06.5	DIA MG7 PER	WIND-OIA 15	INST STC RECORDER	T&N SO 1306
CONSEC	0355	MONTH 05	SHIP EV	MET BULB 06.1	23 5 3	WIND-SPO 18	TRACE DIA 0	5 SQUARE 2
LA 44	40.8N	DAY 31	DATA USE 1	BARKNETR 1000.5	SEA	WIND-FOR	DURATION 00.6	2 SQUARE 46
LONG 346	01.0W	MOOR 23.0	AREA 05	CLOUD 7/A	CL/TR	WEATHER 86	ORIG 011 834	1 SQUARE 46

CAS74UM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-7	DYNOPTH	SNC VEL	ORIG	P04	TOT P	NO2	NO3	S103	PH
	STO	00000	05.63	33.50	26.44	00.000								1471.6
23.0	005	00005	05.63	33.50	26.44									1471.7
	STO	00010	05.63	33.50	26.44	00.016								1471.8
	005	00011	05.63	33.50	26.44									1471.8
	STO	00020	05.64	33.50	26.43	00.032								1472.0
	005	00020	05.67	33.50	26.43									1472.1
	005	00024	05.84	33.56	26.46									1472.5
	005	00026	06.43	33.91	26.66									1475.8
	STO	00030	07.34	34.05	26.65	00.047								1479.6
	005	00030	07.44	34.07	26.65									1480.1
	005	00043	07.55	34.12	26.67									1480.8
	STO	00050	07.36	34.15	26.72	00.075								1480.2
	005	00055	06.93	34.18	26.80									1478.6
	005	00055	06.46	34.13	26.83									1476.7
	005	00072	06.01	34.15	26.90									1475.2
	005	00074	05.41	34.22	27.03									1472.5
	STO	00075	05.40	34.24	27.04	00.104								1472.5
	005	00076	05.38	34.25	27.06									1472.8
	005	00079	05.20	34.24	27.07									1472.1
	STO	00100	05.35	34.38	27.16	00.125								1473.3
	005	00100	05.36	34.38	27.16									1473.3
	STO	00125	05.31	34.37	27.16	00.152								1473.5
	005	00131	04.57	34.37	27.20									1472.2
	005	00133	04.84	34.38	27.22									1471.7
	STO	00150	05.20	34.46	27.26	00.174								1473.6
	005	00152	05.21	34.49	27.27									1473.7
	005	00177	04.62	34.52	27.34									1472.5
	STO	00200	04.67	34.57	27.37	00.213								1473.2
	005	00201	04.86	34.58	27.36									1473.3
	005	00226	05.05	34.67	27.43									1474.5
	STO	00250	05.68	34.79	27.45	00.248								1477.6
	005	00253	05.71	34.80	27.45									1477.6
	005	00262	05.74	34.81	27.46									1478.1
	005	00270	06.01	34.86	27.48									1479.4
	005	00276	05.16	34.79	27.51									1476.0
	STO	00300	05.32	34.85	27.54	00.280								1477.0
	005	00300	05.32	34.85	27.54									1477.1
	005	00316	04.45	34.75	27.56									1473.6
	005	00350	04.45	34.75	27.55									1474.2
	STO	00400	04.81	34.89	27.63	00.336								1476.7
	005	00401	04.62	34.89	27.63									1476.7
	005	00453	05.22	34.59	27.66									1479.4
	STO	00500	04.99	35.01	27.70	00.385								1479.2
	005	00502	04.98	35.01	27.71									1479.2
	005	00555	04.95	35.04	27.73									1480.0
	005	00595	04.61	34.96	27.71									1479.2
	STO	00600	04.54	34.95	27.71	00.431								1478.9
	005	00605	04.39	34.94	27.72									1478.5
	005	00624	04.14	34.55	27.75									1477.7
	005	00651	04.28	34.96	27.75									1478.7
	STO	00700	04.07	34.94	27.75	00.475								1478.6
	005	00700	04.07	34.94	27.75									1478.6
	005	00751	04.09	34.95	27.76									1479.6
	STO	00800	04.12	34.56	27.76	00.517								1480.5
	005	00801	04.12	34.96	27.76									1480.6
	005	00850	04.12	34.56	27.76									1481.4
	STO	00900	03.56	34.54	27.76	00.560								1481.5
	005	00906	03.95	34.94	27.77									1481.6
	005	00957	03.90	34.95	27.78									1482.2
	STO	01000	03.93	34.55	27.78	00.602								1483.0
	005	01001	03.93	34.53	27.78									1483.1
	005	01058	03.84	34.54	27.78									1483.6
	005	01062	03.86	34.95	27.78									1483.6

TABLE H. USCGC EVERGREEN, April and May-June, 1977.—Continued

NOOD STATION DATA

REFID 31 8443	YEAR 1975	BOTOP 03915	AIR TEMP 04.5	QIR MGT PER	WIND-OIR 23	INST STD RECORDER	TEN 50 1306
CONSEC 0056	MONTH 06	SHIP EV	WET BULB 04.5	20 0 2	WIND-SPO 18	TRACE DIR 0	5 SQUARE 2
LAT 44 53.04	DAY 01	DATA USE 1	BAROMETR 1003.6	SEA	WIND-FOR	DURATION 00.3	2 SQUARE 46
LONG 046 21.04	HOOR 02.4	AREA 05	CLOUD T/A	CL/7R	WEATHER X4	ORIC 011 835	1 SQUARE 46

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	QYNOPTH	SNO VEL	OXYG	P04	TOT P	NO2	NO3	SIO3	PH
02.4	STD	00000	07.10	34.12	26.73	00.000	1478.3							
	085	00001	07.10	34.12	26.73		1478.3							
	STD	00010	07.10	34.13	26.74	00.013	1478.5							
	085	00011	07.10	34.13	26.74		1478.5							
	STD	00020	07.26	34.17	26.75	00.026	1479.3							
	085	00022	07.33	34.19	26.76		1479.7							
	STD	00030	07.55	34.26	26.78	00.039	1480.7							
	085	00030	07.56	34.26	26.76		1480.8							
	STD	00050	07.62	34.33	26.80	00.065	1482.2							
	085	00051	07.63	34.34	26.80		1482.3							
	STD	00075	07.99	34.55	26.97	00.094	1483.6							
	085	00078	08.01	34.62	26.99		1483.7							
	085	00085	08.08	34.57	27.10		1479.8							
	085	00095	07.03	34.57	27.10		1480.2							
	085	00097	07.51	34.65	27.12		1482.2							
	STD	00100	07.50	34.68	27.12	00.120	1482.2							
	085	00102	07.49	34.68	27.12		1482.2							
	085	00106	07.20	34.73	27.20		1481.2							
	085	00123	08.04	34.75	27.26		1480.1							
	STD	00125	08.08	34.75	27.26	00.143	1480.3							
	085	00131	07.01	34.75	27.24		1480.9							
	085	00142	04.64	34.70	27.21		1480.8							
	STD	00150	05.69	34.56	27.23	00.165	1476.9							
	085	00150	05.97	34.55	27.22		1476.8							
	085	00154	05.95	34.60	27.26		1476.9							
	085	00156	06.70	34.81	27.33		1480.2							
	085	00159	06.82	34.78	27.29		1480.7							
	085	00165	06.44	34.65	27.27		1475.1							
	085	00169	05.35	34.53	27.26		1474.6							
	085	00173	05.07	34.53	27.32		1473.5							
	085	00176	05.05	34.55	27.33		1473.7							
	085	00188	05.55	34.65	27.35		1475.9							
	085	00190	05.22	34.62	27.37		1474.5							
	STD	00200	05.20	34.63	27.38	00.205	1474.6							
	085	00201	05.18	34.63	27.38		1474.6							
	085	00215	04.86	34.60	27.40		1473.4							
	085	00228	05.00	34.67	27.44		1474.3							
	STD	00250	04.95	34.69	27.46	00.240	1474.5							
	085	00251	04.93	34.69	27.46		1474.4							
	085	00266	04.55	34.62	27.45		1473.0							
	085	00272	04.57	34.75	27.55		1473.4							
	085	00276	04.93	34.75	27.51		1476.9							
	085	00285	05.58	34.67	27.52		1477.9							
	STD	00300	05.47	34.84	27.51	00.272	1477.6							
	085	00300	05.41	34.63	27.51		1477.4							
	085	00306	04.86	34.76	27.52		1475.2							
	085	00350	04.55	34.77	27.57		1474.6							
	STD	00400	04.52	34.85	27.63	00.325	1475.4							
	085	00401	04.52	34.85	27.63		1475.4							
	085	00418	04.75	34.91	27.65		1476.9							
	085	00420	05.52	35.06	27.68		1480.1							
	085	00453	05.38	35.01	27.66		1480.0							
	STD	00500	05.24	35.03	27.69	00.378	1480.3							
	085	00503	05.24	35.03	27.69		1480.3							
	085	00553	04.55	35.02	27.72		1480.0							
	STD	00600	04.64	34.58	27.70	00.425	1480.2							
	085	00605	04.79	34.58	27.71		1480.2							
	085	00652	04.45	34.58	27.74		1475.5							
	STD	00700	04.53	35.00	27.75	00.471	1480.6							
	085	00706	04.54	35.00	27.75		1480.8							
	085	00753	04.41	34.55	27.76		1481.0							
	STD	00800	04.29	34.57	27.75	00.514	1481.3							
	085	00801	04.29	34.57	27.75		1481.3							
	085	00850	04.27	34.58	27.76		1482.0							
	STD	00900	04.11	34.56	27.77	00.557	1482.1							
	085	00908	04.05	34.96	27.77		1482.2							
	085	00951	04.04	34.55	27.76		1482.7							
	STD	01000	03.97	34.95	27.77	00.601	1483.2							
	085	01008	03.96	34.95	27.77		1483.3							
	085	01047	03.50	34.94	27.77		1483.7							
	085	01054	03.90	34.54	27.77		1483.8							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA														
REFIC 31	8423	YEAR 1975	80TDP 03460	41A TEMP 05.1	DIR HGT PER	WIND-DIA 08	INST STO RECORD 04	TEN SO 1306						
CONSEC	0057	MONTH 06	SHIP EV	WET BULB 04.3	22 2 5	WIND-SPO 02	TRACE DIA 0	5 SQUARE 4						
LAT 45 05.2N		DAY 01	DATA USE 1	BAROMETER 1001.6	SEA	WIND-FOR	DURATION 00.3	2 SQUARE 42						
LONG 048 42.6W		MOOR	AREA 05	CLOUD 7/4	CL/TA	WEATHER 25	ORIG C11 836	1 SQUARE 56						
CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPHT	SNO VEL	OAYC	PO4	TOT P	MC2	MC3	SIO3	PH
STO	00000	05.70	33.75	26.63		00.000	1472.2							
085	00000	05.70	33.754	26.63			1472.2							
085	00009	05.70	33.754	26.63			1472.4							
STO	00010	05.71	33.76	26.63		00.014	1472.4							
085	00011	05.72	33.764	26.63			1472.5							
085	00013	05.72	33.757	26.63			1472.5							
085	00015	05.74	33.773	26.64			1472.7							
STO	00020	05.75	33.76	26.63		00.028	1472.7							
085	00022	05.75	33.753	26.62			1472.8							
085	00024	05.77	33.784	26.64			1472.9							
STO	00030	05.82	33.82	26.66		00.042	1473.3							
085	00030	05.83	33.816	26.66			1473.3							
085	00034	05.95	33.835	26.68			1473.6							
085	00036	06.13	33.997	26.77			1474.9							
085	00040	07.35	34.310	26.85			1480.2							
085	00043	07.39	34.305	26.84			1480.4							
STO	00050	06.47	34.18	26.87		00.068	1476.7							
085	00053	05.77	34.120	26.91			1473.5							
085	00057	04.75	34.050	26.97			1469.8							
085	00060	04.70	34.060	26.99			1469.5							
085	00062	04.12	33.957	26.57			1467.0							
085	00064	02.76	33.920	27.07			1461.2							
085	00070	02.73	33.900	27.05			1461.1							
STO	00075	03.42	33.96	27.04		00.096	1464.3							
085	00081	04.38	34.200	27.13			1468.7							
085	00083	04.62	34.255	27.18			1469.9							
085	00085	04.48	34.260	27.17			1469.3							
085	00093	04.57	34.307	27.20			1469.8							
STO	00100	04.50	34.39	27.23		00.120	1471.4							
085	00102	04.98	34.420	27.24			1471.8							
085	00118	04.88	34.470	27.29			1471.8							
STO	00125	04.53	34.49	27.30		00.141	1472.1							
085	00127	04.95	34.490	27.30			1472.2							
085	00135	04.68	34.480	27.32			1471.3							
085	00144	05.28	34.640	27.38			1474.1							
STO	00150	05.70	34.67	27.35		00.160	1475.5							
085	00156	05.83	34.687	27.35			1476.5							
085	00165	05.27	34.675	27.41			1474.4							
085	00175	05.31	34.720	27.44			1474.8							
STO	00200	05.24	34.75	27.47		00.155	1475.0							
085	00203	05.22	34.760	27.48			1474.5							
085	00213	05.16	34.795	27.52			1474.9							
085	00232	04.65	34.725	27.52			1473.0							
085	00243	04.55	34.700	27.51			1472.8							
085	00247	04.48	34.710	27.53			1472.5							
STO	00250	04.45	34.71	27.53		00.226	1472.5							
085	00268	04.41	34.730	27.55			1472.6							
085	00289	04.70	34.830	27.60			1474.3							
STO	00300	04.34	34.76	27.58		00.255	1472.9							
085	00302	04.27	34.740	27.57			1472.6							
085	00304	04.23	34.760	27.59			1472.5							
085	00317	04.41	34.810	27.61			1473.6							
085	00331	04.48	34.800	27.60			1474.0							
085	00338	05.31	34.980	27.64			1477.8							
085	00346	05.37	34.955	27.65			1478.2							
085	00350	05.41	34.990	27.64			1478.4							
085	00361	05.06	34.930	27.63			1477.1							
085	00362	04.73	34.890	27.64			1476.2							
STO	00400	04.71	34.92	27.66		00.306	1476.3							
085	00401	04.71	34.920	27.67			1476.3							
085	00443	04.66	34.940	27.69			1476.8							
085	00451	04.70	34.950	27.65			1477.1							
085	00451	05.00	35.010	27.70			1479.1							
STO	00500	04.56	35.01	27.71		00.353	1475.2							
085	00506	04.97	35.015	27.71			1475.3							
085	00548	05.15	35.060	27.73			1480.7							
085	00553	04.82	35.000	27.72			1480.1							
STO	00600	04.77	35.00	27.72		00.395	1480.0							
085	00603	04.75	35.000	27.73			1479.9							
085	00645	04.60	34.955	27.74			1480.1							
085	00692	04.45	34.990	27.75			1480.2							
STO	00700	04.45	34.98	27.74		00.443	1480.3							
085	00702	04.45	34.980	27.74			1480.3							
085	00746	04.35	34.980	27.75			1480.8							
085	00751	04.33	34.980	27.76			1481.3							
085	00757	04.35	34.980	27.76			1481.3							
STO	00800	04.30	34.96	27.76		00.486	1481.3							
085	00843	04.25	34.980	27.76			1482.0							
085	00892	04.21	34.970	27.76			1482.5							
STO	00900	04.21	34.97	27.76		00.530	1482.6							
085	00940	04.16	34.960	27.76			1483.0							
085	00991	04.05	34.950	27.76			1483.4							
085	00997	04.05	34.950	27.76			1483.5							
STO	01000	04.04	34.95	27.76		00.574	1483.5							
085	01043	04.00	34.950	27.77			1484.1							
085	01048	04.01	34.950	27.77			1484.2							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

PSF10 31 8463	YEAR 1975	80TDP 03124	AIR TEMP 03.8	OIR PCT PER	WIND-OIR 03	INST STO RECORDER	TEN SQ 1306
CONSEC 0058	MONTH 06	SHIP EV	WET BULB 03.7	12 2 4	WIND-SPD 07	TRACE OIR 0	9 SQUARE 46
LA- 45 15.2N	DAY 01	DATA USE 1	BARCHMETR 1005.8	SEA	WIND-FDR	DURATICA 00.2	2 SQUARE 46
LONG 046 35.2W	HOUR 06.1	AREA 03	CLCUD T/A	CL/TR	WEATHER X2	ORIG 011 837 12	1 SQUARE 56

CSTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DWDEPTH	SND VEL	OXYG	PO4	TCT P	NO2	NO3	S103	PH
08.1	STO	00000	04.00	33.44	26.57	00.000	1464.8							
08S	00000	04.00	33.44	26.57			1464.8							
STO	00010	04.15	33.46	26.57	00.015		1465.6							
08S	00010	04.15	33.46	26.57			1465.6							
STO	00020	04.26	33.45	26.58	00.025		1466.2							
08S	00020	04.26	33.45	26.58			1466.2							
08S	00024	03.87	33.45	26.55			1464.6							
STO	00030	03.86	33.44	26.58	00.044		1464.7							
08S	00034	03.88	33.44	26.58			1464.7							
STO	00030	03.97	33.47	26.60	00.073		1465.5							
08S	00055	04.01	33.48	26.60			1465.8							
STO	00075	04.18	33.49	26.59	00.110		1466.8							
08S	00076	04.23	33.51	26.60			1467.1							
08S	00081	04.57	33.63	26.66			1468.7							
08S	00055	03.88	33.65	26.78			1466.1							
STO	00100	02.10	33.69	26.94	00.142		1456.5							
08S	00110	00.58	33.68	27.03			1451.9							
08S	00121	02.61	34.09	27.22			1461.7							
STO	00125	02.97	34.16	27.24	00.167		1463.4							
08S	00131	03.62	34.27	27.27			1466.4							
08S	00146	04.88	34.47	27.29			1472.2							
STO	00150	04.86	34.45	27.27	00.188		1472.1							
08S	00152	04.64	34.44	27.27			1472.1							
08S	00167	05.88	34.62	27.25			1476.8							
08S	00173	05.65	34.53	27.25			1475.5							
08S	00182	04.97	34.51	27.31			1473.2							
08S	00184	04.61	34.58	27.37			1473.1							
08S	00192	05.04	34.60	27.38			1473.8							
08S	00194	04.68	34.54	27.33										
STO	00200	04.68	34.67	27.44	00.225		1473.8							
08S	00201	04.98	34.68	27.45			1473.8							
08S	00218	05.16	34.67	27.42										
08S	00222	04.64	34.58	27.38										
08S	00235	04.77	34.58	27.35										
STO	00250	04.76	34.67	27.46	00.256		1473.7							
08S	00257	04.48	34.67	27.49			1472.7							
08S	00268	03.76	34.56	27.50			1465.7							
08S	00289	03.70	34.58	27.50			1469.8							
STO	00300	03.71	34.59	27.51	00.250		1470.0							
08S	00304	03.75	34.64	27.55			1470.3							
08S	00310	03.84	34.74	27.62			1470.6							
08S	00335	04.82	34.85	27.63			1475.6							
08S	00342	04.61	34.95	27.67			1476.2							
08S	00348	04.69	34.88	27.64			1475.3							
08S	00350	04.88	34.91	27.64			1476.2							
08S	00375	04.45	34.84	27.63			1474.7							
08S	00394	04.88	35.00	27.71			1477.0							
STO	00400	05.07	35.02	27.71	00.343		1477.9							
08S	00424	05.58	35.08	27.69			1480.5							
08S	00456	05.56	35.08	27.65			1480.6							
STO	00500	05.27	35.04	27.70	00.385		1480.4							
08S	00502	05.25	35.04	27.70			1480.4							
08S	00533	05.02	35.03	27.72			1479.9							
08S	00534	04.81	34.98	27.70			1479.0							
08S	00567	04.75	35.00	27.73			1479.3							
STO	00600	04.73	35.00	27.73	00.435		1479.8							
08S	00603	04.72	35.00	27.73			1479.8							
08S	00651	04.57	35.00	27.75			1480.0							
STO	00700	04.55	35.00	27.75	00.475		1480.7							
08S	00700	04.55	35.00	27.75			1480.7							
08S	00757	04.36	34.98	27.75			1480.9							
STO	00800	04.27	34.57	27.76	00.522		1481.2							
08S	00807	04.25	34.57	27.76			1481.2							
08S	00852	04.12	34.55	27.76			1481.4							
STO	00900	04.12	34.56	27.76	00.565		1482.2							
08S	00900	04.12	34.56	27.76			1482.2							
08S	00953	03.53	34.53	27.76			1482.3							
STO	01000	03.87	34.92	27.76	00.605		1482.8							
08S	01008	03.86	34.92	27.76			1482.5							
08S	01064	03.60	34.52	27.76			1483.5							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REF ID 31 8423	YEAR 1975	80TOP 02653	AIR TEMP 05.6	DIR FGT PER	WIND-DIR 01	INST STO RECORDER	TEN SO 1306
CONSEC 0056	MONTH 06	SHIP EV	WET BULB 04.7	35 1 2	WIND-SPO 15	TRACE DIR 0	5 SQUARE 4
LAT 45 23.0N	DAY 01	DATA USE 1	BAROMETER 1007.8	SEA	WIND-FOR	DURATION 00.3	2 SQUARE 46
LONG 047 14.0E	MOOR 10.2	AREA 05	CLOUD T/A	CL/TR	WEATHER R1	DRIG 011 83R	1 SQUARE 57

CSTN/MN/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	OMNOPTH	SNO VEL	OXYG	PO4	TOT P	AQ2	MG3	SIG3	PM
10.2	STO	C0000	03.57	33.49	26.65	00.000	1463.0							
	085	00003	03.57	33.45	26.65		1463.1							
	STO	00010	03.57	33.49	26.65	00.014	1463.2							
	STO	00020	03.57	33.50	26.66	00.028	1463.3							
	085	00020	03.57	33.50	26.66		1463.4							
	STO	C0030	03.57	33.50	26.66	00.042	1463.5							
	085	C0032	03.57	33.50	26.66		1463.5							
	085	00045	03.63	33.56	26.70		1464.1							
	STO	00050	03.47	33.60	26.75	00.065	1463.5							
	085	00064	02.78	33.75	26.93		1461.0							
	085	00074	02.23	33.87	27.07		1458.9							
	STO	00075	02.27	33.52	27.11	00.057	1459.2							
	085	00078	02.32	33.95	27.16		1455.5							
	085	00078	02.82	34.10	27.21		1461.9							
	085	00079	02.50	34.11	27.21		1462.3							
	085	00081	03.34	34.24	27.27		1464.4							
	085	00085	03.41	34.29	27.30		1464.8							
	085	00089	03.83	34.37	27.32		1466.8							
	STO	C0100	03.57	34.37	27.31	00.119	1467.5							
	085	00100	03.58	34.38	27.32		1467.6							
	085	C0106	03.70	34.43	27.39		1466.6							
	085	00112	02.55	34.28	27.37		1461.5							
	085	00116	01.71	34.20	27.38		1457.8							
	STO	00125	01.70	34.27	27.43	00.137	1458.0							
	085	00125	01.69	34.27	27.43		1458.0							
	085	00127	01.65	34.27	27.44		1457.8							
	085	00140	01.69	34.32	27.47		1458.3							
	STO	00150	03.19	34.54	27.52	00.153	1465.3							
	085	00152	03.39	34.57	27.53		1466.2							
	085	00163	03.34	34.57	27.53		1466.2							
	085	00167	03.41	34.62	27.57		1466.6							
	085	00173	03.66	34.64	27.56		1467.8							
	085	00158	03.05	34.61	27.59		1465.6							
	STO	00200	03.06	34.63	27.60	00.180	1465.7							
	085	00205	03.29	34.68	27.62		1466.8							
	085	00211	03.82	34.74	27.62		1469.2							
	085	00232	03.77	34.74	27.62		1469.4							
	STO	00250	03.77	34.74	27.63	00.205	1465.7							
	085	00255	03.77	34.75	27.63		1469.8							
	085	00276	03.87	34.80	27.66		1470.6							
	STO	00300	04.00	34.82	27.67	00.225	1471.6							
	085	00310	04.02	34.83	27.67		1471.8							
	085	00316	04.02	34.87	27.70		1472.0							
	085	00342	04.32	34.91	27.70		1473.7							
	085	00350	04.55	34.98	27.73		1475.1							
	STO	00400	04.53	34.96	27.72	00.274	1475.6							
	085	00405	04.52	34.96	27.72		1475.7							
	085	00456	04.39	34.97	27.74		1476.0							
	STO	00500	04.25	34.95	27.74	00.317	1476.3							
	085	00500	04.25	34.95	27.74		1476.3							
	085	00555	04.07	34.94	27.75		1476.2							
	STO	00600	04.11	34.94	27.75	00.358	1477.1							
	085	00601	04.11	34.94	27.75		1477.2							
	085	00651	03.82	34.50	27.75		1476.7							
	STO	00700	03.75	34.50	27.75	00.400	1477.2							
	085	00700	03.75	34.90	27.75		1477.2							
	085	00750	03.71	34.89	27.75		1477.5							
	STO	00800	03.68	34.89	27.75	00.442	1478.6							
	085	00803	03.68	34.89	27.75		1478.6							
	085	00854	03.62	34.85	27.76		1479.2							
	STO	00900	03.59	34.88	27.75	00.485	1479.5							
	085	00900	03.55	34.88	27.75		1479.9							
	085	00951	03.57	34.88	27.76		1480.6							
	STO	01000	03.52	34.87	27.75	00.528	1481.2							
	085	01003	03.52	34.87	27.75		1481.3							
	085	01066	03.48	34.87	27.76		1482.1							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOD STATION DATA

REFID 31 8463	YEAR 1975	BOTDP 01845	AIR TEMP 06.2	OIR MGT PER	WIND-OIR 33	INST STO RECORDER	TEN SQ 1306
CONSIC 006C	MONTH 06	SHIP EV	WET BULB 05.6	33 2 2	WIND-SPD 13	TRACE OIR 0	5 SQUARE 4
LAT 45 33.1N	DAY 01	DATA USE 1	BAROMETER 1005.0	SEA	WIND-FOR	DURATION 00.4	2 SQUARE 46
LONG 147 28.1W	MOOR 12.7	AREA 05	CLOUD T/A	CL/TR	WEATHER 34	DRG 011 035 15	1 SQUARE 57

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYMPTH	SHO VEL	DAYG	PO4	TOT P	MO2	MO3	SIO3	PH
12.7	STD	00000	03.21	33.48	26.68	00.000	1461.4							
	085	00003	03.21	33.48	26.68		1461.5							
	STD	00010	03.20	33.48	26.68	00.014	1461.6							
	085	00015	03.20	33.48	26.68		1461.7							
	STD	00020	02.50	33.50	26.72	00.027	1460.5							
	085	00020	02.66	33.50	26.72		1460.3							
	STD	00030	02.60	33.51	26.73	00.041	1460.2							
	085	00034	02.76	33.53	26.76		1460.1							
	STD	00050	02.56	33.74	26.54	00.065	1459.6							
	085	00051	02.51	33.76	26.96		1459.6							
	085	00055	02.34	33.80	27.01		1459.0							
	085	00064	01.81	33.96	27.18		1457.1							
	085	00068	01.68	34.14	27.31		1457.7							
	085	00072	01.96	34.12	27.29		1458.1							
	STD	00075	02.28	34.19	27.32	00.089	1459.6							
	085	00078	02.62	34.26	27.35		1461.2							
	085	00085	03.45	34.39	27.38		1465.1							
	STD	00100	03.56	34.54	27.45	00.106	1467.7							
	085	00100	03.58	34.55	27.45		1467.8							
	STD	00125	03.72	34.58	27.50	00.122	1467.2							
	085	00125	03.71	34.58	27.50		1467.1							
	STD	00150	04.10	34.71	27.57	00.136	1465.4							
	085	00152	04.12	34.72	27.57		1465.5							
	085	00167	04.16	34.73	27.58		1465.5							
	085	00171	04.25	34.77	27.60		1470.4							
	085	00177	04.19	34.75	27.59		1470.2							
	085	00154	04.00	34.76	27.62		1465.7							
	085	00156	03.66	34.73	27.63		1468.3							
	STD	00200	03.65	34.74	27.63	00.162	1468.3							
	085	00201	03.64	34.74	27.64		1468.3							
	085	00228	03.49	34.74	27.66		1467.9							
	STD	00250	03.42	34.75	27.67	00.185	1468.2							
	085	00255	03.41	34.75	27.67		1468.2							
	085	00257	03.38	34.76	27.68		1468.1							
	085	00261	03.98	34.87	27.71		1471.2							
	STD	00300	04.22	34.90	27.70	00.208	1472.6							
	085	00300	04.23	34.90	27.70		1472.6							
	085	00350	03.86	34.88	27.73		1471.9							
	STD	00400	03.94	34.91	27.74	00.245	1473.1							
	085	00403	03.56	34.91	27.74		1473.2							
	085	00451	03.56	34.91	27.74		1474.0							
	STD	00500	03.82	34.90	27.75	00.290	1474.2							
	085	00500	03.82	34.90	27.75		1474.2							
	085	00552	03.77	34.90	27.75		1474.5							
	STD	00600	03.77	34.91	27.76	00.330	1475.7							
	085	00607	03.77	34.91	27.76		1475.8							
	085	00652	03.78	34.91	27.76		1476.6							
	STD	00700	03.62	34.89	27.76	00.371	1476.7							
	085	00700	03.62	34.89	27.76		1476.7							
	085	00750	03.53	34.88	27.76		1477.1							
	STD	00800	03.45	34.88	27.76	00.412	1477.6							
	085	00809	03.48	34.88	27.77		1477.9							
	085	00850	03.52	34.89	27.77		1478.8							
	STD	00900	03.51	34.88	27.76	00.453	1475.5							
	085	00908	03.51	34.86	27.76		1479.7							
	085	00953	03.48	34.88	27.77		1480.3							
	STD	01000	03.46	34.88	27.77	00.496	1461.0							
	085	01001	03.46	34.88	27.77		1461.0							
	085	01056	03.50	34.88	27.76		1482.1							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFID 31 8463	YEAR 1975	BDTDP 01186	AIR TEMP 05.9	DJA FGT PER	WIND-DJA 35	INST S7C RECORDER	TEM 50 1306
COMSEC 0361	MONTH 06	SHIP EV	NET BULB 05.3	35 2 2	WIND-SPO 15	TRACE DIA	5 SQUARE 4
LAT 45 41.6N	DAY 01	DATA USE 1	BAROMETER 1008.9	SEA	WIND-FOR	DURATION 00.5	2 SQUARE 46
LONG 047 48.3W	MOOR 15.2	AREA 05	CLOUD T/A	CL/T/R	WEATHER X4	ORIG 011 840	1 SQUARE 57

CASTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	DRYG	PO4	TOT P	AQ2	NO3	SIO3	PH
	STD	00000	01.51	33.10	26.51		1433.5							
15.2	OBS	00003	01.51	33.10	26.51	00.000	1433.6							
	STD	00010	01.50	33.10	26.51	00.015	1433.6							
	STD	00020	01.47	33.09	26.50	00.031	1433.6							
	OBS	00020	01.47	33.09	26.50		1433.6							
	OBS	00022	01.26	33.30	26.69		1433.0							
	OBS	00024	00.65	33.35	26.76		1430.4							
	OBS	00026	00.86	33.44	26.82		1431.6							
	STD	00030	00.86	33.35	26.78	00.045	1431.5							
	OBS	00034	00.79	33.30	26.71		1431.1							
	OBS	00043	00.51	33.48	26.88		1430.2							
	OBS	00047	00.58	33.52	26.90		1430.7							
	OBS	00045	01.59	33.72	27.00		1435.5							
	STD	00050	01.76	33.74	27.00	00.068	1436.3							
	OBS	00051	02.19	33.79	27.01		1438.3							
	OBS	00064	02.90	33.92	27.05		1461.8							
	STD	00075	02.51	34.13	27.26	00.092	1460.6							
	OBS	00076	02.48	34.15	27.27		1460.5							
	STD	00100	02.15	34.36	27.47	00.110	1459.7							
	OBS	00104	02.13	34.39	27.45		1455.7							
	STD	00125	02.22	34.47	27.55	00.121	1460.6							
	OBS	00127	02.23	34.48	27.56		1460.7							
	STD	00130	02.35	34.53	27.59	00.138	1461.6							
	OBS	00130	02.35	34.53	27.55		1461.6							
	OBS	00173	02.44	34.56	27.61		1462.5							
	STD	00200	02.34	34.60	27.63	00.163	1463.4							
	OBS	00205	02.55	34.61	27.64		1463.5							
	OBS	00224	02.56	34.64	27.66		1463.6							
	OBS	00226	02.69	34.68	27.68		1464.6							
	STD	00250	02.95	34.71	27.68	00.186	1466.1							
	OBS	00258	03.03	34.73	27.65		1466.6							
	OBS	00275	03.20	34.77	27.70		1467.8							
	STD	00300	03.33	34.79	27.71	00.207	1468.7							
	OBS	00302	03.37	34.80	27.71		1468.9							
	OBS	00317	03.71	34.85	27.72		1470.7							
	OBS	00350	03.62	34.85	27.73		1470.8							
	STD	00400	03.49	34.85	27.74	00.248	1471.1							
	OBS	00407	03.48	34.85	27.74		1471.2							
	OBS	00433	03.43	34.84	27.74		1471.7							
	STD	00500	03.46	34.86	27.75	00.288	1472.6							
	OBS	00502	03.46	34.86	27.75		1472.7							
	OBS	00552	03.50	34.86	27.75		1473.7							
	STD	00600	03.51	34.87	27.75	00.328	1474.5							
	OBS	00601	03.51	34.87	27.75		1474.5							
	OBS	00632	03.51	34.88	27.76		1475.4							
	STD	00700	03.48	34.87	27.76	00.365	1476.1							
	OBS	00702	03.48	34.87	27.76		1476.1							
	OBS	00751	03.44	34.87	27.76		1476.7							
	STD	00800	03.43	34.87	27.76	00.410	1477.5							
	OBS	00801	03.43	34.87	27.76		1477.5							
	OBS	00854	03.41	34.87	27.76		1478.3							
	STD	00900	03.41	34.87	27.76	00.451	1479.1							
	OBS	00904	03.41	34.87	27.76		1479.2							
	OBS	00951	03.41	34.87	27.76		1479.5							
	STD	01000	03.41	34.87	27.76	00.493	1480.7							
	OBS	01008	03.41	34.87	27.76		1480.9							
	OBS	01054	03.41	34.87	27.76		1481.7							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MODE STATION DATA

REFID 31	8463	YEAR 1975	BDTOP 00434	AIR TEMP 03.8	DIR MGT PER	WIND-DIR 33	INST STD RECORDER	TEM SG 1306
CONSEC 0062		MONTH 06	SHIP EV	WET BULB 02.8	33 1 2	WIND-SPO 13	TRACE DIR 0	5 SQUARE 4
LAT 45 47.0N		DAY 01	DATA USE 1	BAROMETR 1005.1	SEA	WIND-FDR	DURATION 00.3	2 SQUARE 46
LONG 147 58.0W		MOOR 17.4	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	DRIG 011 841 15	1 SQUARE 57

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNDEPTH	SND VEL	QXYG	PD4	TOT P	NO2	NO3	SIO3	PH
17.4	STD	00000	01.35	32.55	26.40	00.000	1452.7							
	085	00003	01.39	32.95	26.40		1452.8							
	STD	00010	01.36	32.95	26.40	00.016	1452.9							
	085	00011	01.38	32.55	26.40		1452.5							
	085	00015	01.37	32.93	26.38		1452.9							
	STD	00020	01.20	32.95	26.41	00.033	1452.2							
	085	00022	01.16	32.98	26.44		1452.1							
	085	00028	01.24	33.09	26.52		1452.7							
	STD	00030	01.15	33.11	26.54	00.048	1452.4							
	085	00030	01.12	33.12	26.55		1452.3							
	085	00036	00.86	33.14	26.58		1451.2							
	085	00041	- 0.41	33.17	26.67		1445.6							
	085	00045	- 1.07	33.27	26.78		1442.7							
	STD	00050	- 0.99	33.28	26.78	00.076	1443.1							
	085	00057	- 0.67	33.28	26.78		1443.8							
	085	00059	- 0.12	33.28	26.75		1447.3							
	085	00062	- 0.56	33.35	26.64		1443.6							
	085	00072	- 1.20	33.39	26.68		1442.7							
	STD	00075	- 1.19	33.42	26.50	00.107	1442.8							
	085	00079	- 1.10	33.46	26.93		1443.4							
	085	00051	- 0.59	33.56	26.99		1446.1							
	STD	00100	- 0.31	33.66	27.06	00.134	1447.7							
	085	00102	- 0.17	33.70	27.09		1448.4							
	085	00112	00.45	33.84	27.17		1451.6							
	STD	00125	00.36	33.89	27.21	00.157	1451.6							
	085	00127	00.37	33.50	27.22		1451.6							
	STD	00150	00.69	34.03	27.31	00.178	1453.5							
	085	00152	00.72	34.04	27.31		1453.7							
	085	00175	01.06	34.16	27.39		1455.8							
	STD	00200	01.45	34.31	27.48	00.212	1456.2							
	085	00203	01.48	34.32	27.49		1456.4							
	085	00228	01.55	34.32	27.48		1459.1							
	STD	00250	01.63	34.34	27.49	00.243	1459.8							
	085	00253	01.64	34.34	27.49		1459.9							
	085	00276	01.67	34.36	27.51		1460.5							
	STD	00300	01.91	34.42	27.53	00.273	1462.0							
	085	00300	01.52	34.42	27.54		1462.1							
	085	00352	02.42	34.56	27.61		1465.3							
	085	00352	02.89	34.71	27.69		1468.2							

REFID 31	8463	YEAR 1975	BDTOP 00113	AIR TEMP 02.0	DIR MGT PER	WIND-DIR 32	INST STD RECORDER	TEM SG 1306
CONSEC 0063		MONTH 06	SHIP EV	WET BULB 01.9	2 2	WIND-SPO 10	TRACE DIR 0	5 SQUARE 4
LAT 45 53.5N		DAY 01	DATA USE 1	BAROMETR 1010.1	SEA	WIND-FDR	DURATION 00.0	2 SQUARE 48
LONG 048 08.0W		MOOR 15.1	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	DRIG 011 842	1 SQUARE 58

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNDEPTH	SND VEL	QXYG	PD4	TOT P	NO2	NO3	SIO3	PH
19.1	STD	00000	00.91	32.65	26.35	00.000	1450.5							
	085	00007	00.51	32.65	26.35		1450.6							
	STD	00010	00.67	32.83	26.34	00.017	1450.4							
	085	00011	00.85	32.83	26.33		1450.3							
	STD	00020	00.62	32.89	26.40	00.034	1449.5							
	085	00022	00.57	32.50	26.41		1449.4							
	STD	00030	00.54	32.90	26.41	00.050	1449.3							
	085	00032	00.53	32.50	26.41		1449.3							
	085	00045	- 0.23	33.02	26.54		1446.2							
	STD	00050	- 0.60	33.06	26.59	00.081	1444.6							
	085	00057	- 1.05	33.11	26.65		1442.7							
	085	00066	- 1.34	33.16	26.65		1441.6							
	085	00068	- 1.47	33.19	26.72		1441.1							
	STD	00075	- 1.40	33.22	26.75	00.115	1441.5							
	085	00076	- 1.39	33.23	26.75		1441.6							
	085	00091	- 1.12	33.34	26.83		1443.3							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

NODC STATION DATA

REFID 31 8463	YEAR 1975	BDTOP 00098	AIR TEMP 04.8	DIR HGT PER	WIND-DIR 33	INST STO RECORDER	TEN SQ 1306
CONSEC 0364	MONTH 06	SHIP EV	WET BULB 04.2	95 X X	WIND-SPD 13	TRACE DIR 0	5 SQUARE 4
LAT 46 00.0N	DAY 01	DATA USE 1	BAROMETR 1010.8	SEA	WIND-FOR	DURATION 00.0	2 SQUARE 68
LONG 048 17.0W	MOUR 20.4	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG 011 843	1 SQUARE 68

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
20.4	STD	00000	01.17	32.98	26.43	00.000	1451.8							
	DBS	00000	01.17	32.98	26.43		1451.8							
	STD	00010	01.17	32.98	26.43	00.016	1452.0							
	DBS	00010	01.17	32.98	26.43		1452.0							
	DBS	00015	01.13	32.57	26.43		1451.5							
	STD	00020	01.13	32.57	26.43	00.032	1451.9							
	DBS	00020	01.13	32.57	26.43		1451.9							
	DBS	00025	01.06	33.01	26.47		1451.8							
	STD	00030	01.01	32.98	26.44	00.048	1451.6							
	DBS	00030	01.01	32.98	26.44		1451.6							
	DBS	00040	00.75	32.99	26.47		1450.6							
	STD	00050	00.66	33.06	26.53	00.075	1450.4							
	DBS	00050	00.66	33.06	26.53		1450.4							
	DBS	00055	00.74	33.14	26.55		1451.0							
	STD	00075	- 0.86	33.26	26.76	00.114	1444.1							
	DBS	00075	- 0.86	33.26	26.76		1444.1							
	DBS	00085	- 0.64	33.31	26.79		1445.3							

REFID 31 8463	YEAR 1975	BDTOP 00112	AIR TEMP 03.5	DIR HGT PER	WIND-DIR 01	INST STO RECORDER	TEN SQ 1306
CONSEC 0065	MONTH 06	SHIP EV	WET BULB 03.2	36 1 3	WIND-SPD 18	TRACE DIR 0	5 SQUARE 4
LAT 46 26.3N	DAY 02	DATA USE 1	BAROMETR 1011.9	SEA	WIND-FOR	DURATION 00.0	2 SQUARE 66
LONG 048 03.5W	MOUR 00.0	AREA 05	CLOUD T/A	CL/TR	WEATHER X2	ORIG 011 844	1 SQUARE 68

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
00.0	STD	00000	01.33	32.86	26.33	00.000	1452.4							
	DBS	00003	01.33	32.86	26.33		1452.5							
	STD	00010	01.35	32.87	26.33	00.017	1452.6							
	DBS	00017	01.35	32.87	26.34		1452.7							
	STD	00020	01.33	32.87	26.34	00.034	1452.7							
	DBS	00022	01.31	32.87	26.34		1452.7							
	DBS	00024	01.08	32.85	26.34		1451.6							
	STD	00030	00.96	32.88	26.36	00.051	1451.2							
	DBS	00032	00.86	32.90	26.39		1450.8							
	DBS	00036	00.63	32.93	26.44		1445.9							
	STD	00047	00.58	33.02	26.50		1450.0							
	DBS	00050	00.32	33.03	26.53	00.083	1448.5							
	DBS	00051	00.20	33.04	26.54		1448.3							
	DBS	00062	00.06	33.07	26.57		1447.5							
	DBS	00068	- 0.51	33.12	26.63		1445.5							
	DBS	00074	- 0.53	33.13	26.64		1445.5							
	STD	00075	- 0.47	33.14	26.65	00.115	1445.8							
	DBS	00081	- 0.04	33.21	26.69		1446.0							
	DBS	00051	00.40	33.28	26.72		1450.2							
	DBS	00057	00.44	33.34	26.77		1450.6							
	STD	00100	00.27	33.36	26.79	00.152	1449.5							
	DBS	00102	- 0.01	33.36	26.81		1448.7							

REFID 31 8463	YEAR 1975	BDTOP 03160	AIR TEMP 03.5	DIR HGT PER	WIND-DIR 28	INST STO RECORDER	TEN SQ 1306
CONSEC 0066	MONTH 06	SHIP EV	WET BULB 03.3	03 2 3	WIND-SPD 16	TRACE DIR 0	5 SQUARE 4
LAT 46 24.0N	DAY 02	DATA USE 1	BAROMETR 1011.3	SEA	WIND-FOR	DURATION 00.1	2 SQUARE 66
LONG 047 48.0W	MOUR 01.7	AREA 05	CLOUD T/A	CL/TP	WEATHER X2	ORIG 011 845	1 SQUARE 67

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
01.7	STD	00000	01.17	32.90	26.37	00.030	1451.7							
	DBS	00001	01.17	32.90	26.37		1451.7							
	STD	00010	01.17	32.90	26.37	00.017	1451.9							
	DBS	00011	01.17	32.90	26.37		1451.9							
	STD	00020	01.14	32.90	26.37	00.033	1451.9							
	STD	00030	01.10	32.85	26.37	00.050	1451.5							
	DBS	00030	01.10	32.89	26.37		1451.5							
	DBS	00032	00.93	32.88	26.37		1451.1							
	DBS	00034	00.55	32.93	26.45		1449.7							
	DBS	00047	00.61	33.01	26.49		1450.1							
	STD	00050	00.46	33.04	26.52	00.082	1449.5							
	DBS	00053	00.26	33.06	26.55		1448.7							
	DBS	00066	- 0.35	33.04	26.56		1445.5							
	STD	00075	- 1.12	33.05	26.63	00.115	1442.7							
	DBS	00076	- 1.18	33.10	26.64		1442.4							
	DBS	00083	- 1.42	33.20	26.73		1441.6							
	STD	00100	- 1.21	33.32	26.82	00.152	1443.0							
	DBS	00100	- 1.14	33.33	26.83		1443.1							
	STD	00125	- 0.55	33.47	26.92	00.181	1446.5							
	DBS	00127	- 0.55	33.48	26.93		1446.7							
	DBS	03145	- 0.41	33.53	26.96		1447.7							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFID 31 8463 YEAR 1975 BOTOP 00183 AIR TEMP 04.1 DIR HGT PER WIND-DIR 01 INST STO RECORDER TEN SO 1306
 CONSEC 0067 MONTH 06 SHIP EV WET BULB 03.5 36 1 2 WIND-SPD 17 TRACE DIR 0 5 SQUARE 4
 LAT 46 20.04 DAY 02 DATA USE 1 BAROMETR 1010.7 SEA WIND-FOR DURATION 00.1 2 SQUARE 4
 LONG 047 34.04 HOUR 03.0 AREA 05 CLCUD T/A CL/T/A WEATHER X2 ORIG 011 846 1 SQUARE 67

CASSTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	OXYG	PO4	TGT P	NO2	NO3	SI03	PH
03.0	STC	00000	01.37	32.66	26.33	00.000	1452.5							
	OBS	00003	01.37	32.86	26.33		1452.6							
	STD	00010	01.37	32.86	26.33	00.017	1452.7							
	OBS	00011	01.37	32.86	26.33		1452.7							
	OBS	00019	01.33	32.84	26.31		1452.6							
	STD	00020	01.25	32.84	26.32	00.034	1452.3							
	OBS	00022	01.03	32.86	26.35		1451.4							
	STD	00030	00.50	32.57	26.47	00.051	1445.3							
	OBS	00030	00.47	32.98	26.48		1449.1							
	OBS	00047	- 0.12	33.04	26.55		1446.8							
	STD	00050	- 0.57	33.06	26.59	00.081	1444.8							
	OBS	00051	- 0.71	33.08	26.61		1444.2							
	OBS	00055	- 0.67	33.13	26.65		1444.5							
	OBS	00059	00.20	33.22	26.68		1448.7							
	OBS	00070	00.04	33.23	26.70		1448.2							
	OBS	00072	- 0.39	33.23	26.72		1446.2							
	STD	00075	- 0.29	33.25	26.73	00.115	1446.8							
	OBS	00085	00.11	33.34	26.76		1448.5							
	OBS	00085	00.94	33.44	26.82		1452.9							
	OBS	00099	00.70	33.43	26.82		1451.5							
	STD	00100	00.39	33.41	26.83	00.147	1450.5							
	OBS	00100	00.18	33.40	26.83		1449.6							
	OBS	00104	00.04	33.40	26.84		1449.0							
	OBS	00112	00.69	33.48	26.87		1452.2							
	STD	00125	00.43	33.55	26.93	00.177	1451.3							
	OBS	00125	00.42	33.55	26.94		1451.3							
	STD	00150	- 0.22	33.57	26.98	00.204	1448.8							
	OBS	00150	- 0.22	33.57	26.98		1448.8							
	OBS	00161	- 0.23	33.58	26.99		1448.5							
	OBS	00175	00.20	33.76	27.12		1451.4							

REFID 31 8463 YEAR 1975 BOTOP 00445 AIR TEMP 03.0 DIR HGT PER WIND-DIR 02 INST STO RECORDER TEN SO 1306
 CONSEC 0068 MONTH 06 SHIP EV WET BULB 02.5 01 0 2 WIND-SPD 10 TRACE DIR 0 5 SQUARE 4
 LAT 46 15.54 DAY 02 DATA USE 1 BAROMETR 1005.6 SEA WIND-FOR DURATION 00.2 2 SQUARE 66
 LONG 047 21.04 HOUR 04.6 AREA 05 CLCUD T/A CL/T/A WEATHER X1 ORIG 011 847 1 SQUARE 67

CASSTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	OXYG	PO4	TGT P	NO2	NO3	SI03	PH
04.6	STD	00000	01.43	33.15	26.55	00.000	1453.2							
	OBS	00005	01.43	33.15	26.55		1453.3							
	STD	00016	01.42	33.15	26.55	00.015	1453.3							
	OBS	00017	01.41	33.14	26.55		1453.4							
	OBS	00019	01.30	33.15	26.56		1452.6							
	STD	00020	01.23	33.17	26.58	00.030	1452.6							
	OBS	00028	00.69	33.24	26.67		1450.5							
	STD	00030	00.61	33.24	26.68	00.044	1450.1							
	OBS	00030	00.55	33.24	26.68		1450.0							
	STD	00050	00.87	33.43	26.81	00.070	1451.5							
	OBS	00055	00.88	33.46	26.84		1452.1							
	STD	00075	00.62	33.52	26.90	00.100	1451.3							
	OBS	00076	00.61	33.53	26.91		1451.3							
	OBS	00091	01.13	33.74	27.05		1454.2							
	STD	00100	01.00	33.78	27.08	00.127	1453.8							
	OBS	00100	00.99	33.78	27.09		1453.8							
	STD	00125	00.57	33.89	27.20	00.150	1452.4							
	OBS	00127	00.56	33.90	27.21		1452.4							
	OBS	00137	00.56	33.93	27.23		1452.6							
	OBS	00144	01.07	34.14	27.37		1455.3							
	STD	00150	01.14	34.17	27.35	00.170	1455.8							
	OBS	00150	01.15	34.17	27.39		1455.8							
	OBS	00175	01.64	34.33	27.48		1458.6							
	OBS	00180	02.12	34.43	27.53		1461.0							
	STD	00200	02.43	34.51	27.56	00.201	1462.8							
	OBS	00207	02.44	34.52	27.57		1462.9							
	OBS	00226	02.19	34.51	27.59		1462.2							
	STD	00250	02.50	34.61	27.64	00.227	1464.0							
	OBS	00255	02.53	34.62	27.64		1464.3							
	OBS	00277	02.67	34.65	27.66		1465.3							
	STD	00300	02.68	34.65	27.66	00.250	1465.7							
	OBS	00306	02.69	34.65	27.66		1465.8							
	OBS	00354	02.84	34.69	27.67		1467.3							
	STD	00400	03.14	34.77	27.71	00.295	1469.5							
	OBS	00401	03.15	34.77	27.71		1469.6							
	OBS	00435	03.21	34.76	27.71		1470.5							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

N O D C S T A T I C D A T A

REFID 31 8463	YEAR 1975	BDTDP 00878	AIR TEMP 04.5	DIA HGT PER	WIND-DIA 14	INST STD RECORDER	TEN SO 1306
CNSEC 0365	MONTH 06	SHIP EV	NET BULB 03.0	04 1 3	WIND-SPD 05	TRACE DIA D	5 SQUARE 4
LA 46 13.0N	DAY 02	DATA USE 1	BARCHMETR 1010.2	SEA	WIND-FDR	DURATION 00.3	2 SQUARE 66
LONG 047 08.3W	HOOR 06.0	ARIA 05	CLCUD 7/A	CL/TB	WEATHER X1	DRIG 011 848	1 SQUARE 87

CASHTUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	DRYG	PD4	TOT P	NO2	NO3	S103	PH
04.0	STD	C0000	02.08	33.48	26.77	00.000	1456.5							
	OBS	00003	02.08	33.48	26.77		1456.6							
	STD	00010	02.07	33.49	26.78	00.013	1456.7							
	OBS	00011	02.07	33.50	26.79		1456.7							
	OBS	00019	02.29	33.62	26.87		1458.0							
	STD	00020	02.27	33.62	26.87	00.025	1457.9							
	OBS	00022	02.22	33.62	26.87		1457.7							
	OBS	00024	02.64	33.71	26.91		1459.7							
	OBS	00026	02.77	33.73	26.91		1460.3							
	OBS	00028	02.72	33.75	26.93		1460.2							
	STD	00030	02.79	33.78	26.95	00.037	1460.6							
	OBS	00036	03.04	33.85	26.99		1461.8							
	OBS	00040	03.12	33.86	26.99		1462.2							
	STD	00050	01.86	33.79	27.04	00.058	1456.8							
	OBS	00051	01.80	33.78	27.03		1456.6							
	OBS	00057	01.87	33.81	27.05		1457.0							
	OBS	00059	01.37	33.81	27.09		1454.8							
	OBS	00062	01.35	33.81	27.09		1454.8							
	OBS	00070	01.85	33.96	27.17		1457.3							
	OBS	00074	01.90	33.57	27.18		1457.6							
	STD	00075	01.94	33.99	27.19	00.082	1457.5							
	OBS	00078	02.26	34.05	27.21		1459.4							
	OBS	00079	02.58	34.06	27.19		1460.8							
	OBS	00093	02.58	34.18	27.29		1461.2							
	STD	00100	02.13	34.19	27.33	00.103	1459.3							
	OBS	00100	02.08	34.20	27.35		1459.2							
	OBS	00104	01.53	34.27	27.41		1458.7							
	STD	00125	02.20	34.43	27.52	00.115	1460.4							
	OBS	00125	02.21	34.43	27.52		1460.5							
	STD	00150	02.30	34.49	27.56	00.134	1461.3							
	OBS	00150	02.30	34.49	27.56		1461.4							
	OBS	00175	02.57	34.56	27.55		1463.0							
	STD	00200	02.74	34.68	27.68	00.158	1464.3							
	OBS	00207	02.78	34.70	27.69		1464.7							
	OBS	00230	02.87	34.71	27.69		1465.4							
	STD	00250	02.76	34.71	27.70	00.180	1465.3							
	OBS	00251	02.76	34.71	27.70		1465.3							
	OBS	00277	02.88	34.74	27.71		1466.3							
	STD	00300	03.16	34.78	27.72	00.201	1467.9							
	OBS	00306	03.22	34.75	27.72		1468.3							
	OBS	00350	03.42	34.83	27.73		1469.5							
	STD	00400	03.48	34.84	27.73	00.242	1471.0							
	OBS	00403	03.48	34.84	27.73		1471.1							
	OBS	00451	03.48	34.86	27.75		1471.9							
	STD	00500	03.48	34.86	27.75	00.282	1472.7							
	OBS	00502	03.48	34.86	27.75		1472.8							
	OBS	00550	03.46	34.86	27.75		1473.5							
	STD	00600	03.46	34.86	27.75	00.322	1474.3							
	OBS	00601	03.46	34.86	27.75		1474.3							
	OBS	00652	03.44	34.86	27.75		1475.1							
	STD	00700	03.44	34.86	27.75	00.363	1475.5							
	OBS	00704	03.44	34.86	27.75		1475.9							
	OBS	00750	03.43	34.86	27.75		1476.7							
	STD	00800	03.41	34.87	27.76	00.404	1477.4							
	OBS	00803	03.41	34.87	27.76		1477.5							
	OBS	00850	03.41	34.86	27.76		1478.2							
	OBS	00864	03.41	34.86	27.76		1478.5							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

N C O C S T A T I O N C A T A

REFID 31 8463	YEAR 1975	BOTOP 01320	AIA TEMP 04.8	DIR MGT PER	WIND-DIR 35	INST STD RECORDER	TEN SG 1302
CORSEC 0070	MONTH 06	SHIP EV	NET BULB 04.6	35 1 2	WIND-SPO 10	TRACE DIR 0	5 SQUARE 4
LA* 46 09.0M	DAY 02	DATA USE 1	BAROMETER 1010.9	SEA	WIND-FOR	DURATION 00.3	2 SQUARE 66
LONG 046 57.60	MOOR 07.7	AREA 05	CLOUD T/A	CL/T/A	WEATHER R1	DRIC C11 849	1 SQUARE 66

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNCP71	SWO VEL	OXYG	PO4	TOT P	MO2	MO3	SIO3	PH
07.7	STO	00000	03.48	33.64	26.78	00.000	1462.8							
	OBS	00005	03.48	33.64	26.76		1462.5							
	STO	00010	03.48	33.64	26.78	00.013	1463.0							
	OBS	00011	03.48	33.64	26.78		1463.0							
	STO	00020	03.54	33.67	26.80	00.025	1463.4							
	OBS	00020	03.54	33.68	26.80		1463.5							
	STO	00030	03.54	33.78	26.89	00.038	1463.8							
	OBS	00030	03.54	33.75	26.85		1463.8							
	OBS	00032	03.13	33.82	26.95		1462.1							
	OBS	00034	02.96	33.84	26.99		1461.4							
	STD	00050	02.80	33.91	27.06	00.060	1461.1							
	OBS	00051	02.78	33.92	27.07		1461.0							
	OBS	00055	02.73	33.95	27.05		1460.9							
	STD	00075	02.22	34.18	27.32	00.082	1459.3							
	OBS	00076	02.20	34.19	27.33		1459.3							
	OBS	00087	02.08	34.29	27.42		1455.1							
	STO	00100	02.14	34.36	27.47	00.099	1459.6							
	OBS	00100	02.14	34.36	27.47		1455.7							
	STO	00125	02.27	34.47	27.55	00.114	1460.8							
	OBS	00127	02.28	34.46	27.55		1460.9							
	STO	00150	02.41	34.53	27.58	00.128	1461.9							
	OBS	00150	02.41	34.53	27.58		1461.9							
	OBS	00175	02.41	34.57	27.62		1462.4							
	STO	00200	02.39	34.58	27.62	00.153	1462.7							
	OBS	00201	02.39	34.58	27.63		1462.7							
	OBS	00228	02.44	34.65	27.68		1463.5							
	OBS	00234	03.04	34.72	27.68		1466.3							
	STO	00250	03.33	34.75	27.68	00.176	1467.8							
	OBS	00251	03.34	34.75	27.68		1467.5							
	OBS	00276	03.00	34.72	27.68		1466.8							
	STO	00300	03.41	34.79	27.70	00.198	1465.0							
	OBS	00306	03.48	34.80	27.70		1469.4							
	OBS	00352	03.50	34.81	27.71		1470.3							
	STO	00400	03.81	34.88	27.73	00.240	1472.5							
	OBS	00401	03.62	34.88	27.73		1472.6							
	OBS	00458	03.53	34.91	27.74		1474.0							
	STO	00500	03.79	34.89	27.74	00.281	1474.1							
	OBS	00504	03.78	34.85	27.74		1474.1							
	OBS	00553	03.73	34.88	27.74		1474.7							
	STO	00600	03.67	34.88	27.75	00.323	1475.2							
	OBS	00605	03.67	34.88	27.75		1475.3							
	OBS	00654	03.64	34.88	27.75		1476.0							
	STO	00700	03.64	34.85	27.76	00.364	1476.8							
	OBS	00700	03.64	34.85	27.76		1476.8							
	OBS	00753	03.61	34.88	27.75		1477.5							
	STO	00800	03.57	34.88	27.76	00.405	1478.1							
	OBS	00801	03.57	34.88	27.76		1478.1							
	OBS	00852	03.56	34.88	27.76		1478.5							
	STO	00900	03.55	34.88	27.76	00.446	1475.7							
	OBS	00904	03.55	34.88	27.76		1479.8							
	OBS	00953	03.52	34.88	27.76		1480.5							
	STO	01000	03.52	34.88	27.76	00.490	1481.2							
	OBS	01005	03.52	34.88	27.76		1481.3							
	OBS	01058	03.48	34.87	27.76		1482.0							

TABLE H. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFID 31 8463	YEAR 1975	80TOP 01165	AIR TEMP 06.0	DIR HGT PER	WIND-DIR 35	INST STD RECORDER	TEM 50 1306
CONSEC 0071	MONTH 06	5-IP EV	WET BULB 05.5	03 2 4	WIND-SPO 10	TRACE DIR 0	5 SQUARE 4
LA" 46 05.1N	CAY 02	DATA USE 1	BAROMETR 1010.8	SEA	WIND-FOR	DURATION 00.3	2 SQUARE 66
LONG 146 45.8W	MOOR 10.6	AREA 05	CLOUD 7/4	CL/TR	WEATHER A1	DRIG 011 850 14	1 SQUARE 66

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	CYNDPTH	SNC VEL	OXYG	PD4	TOT P	MO2	MO3	S103	PH
10.6	STD	00000	04.00	33.53	26.64	00.000	1464.9							
	085	00001	04.00	33.53	26.64		1464.9							
	STD	00010	03.98	33.53	26.64	00.014	1465.0							
	085	00011	03.98	33.53	26.64		1465.0							
	STD	00020	03.96	33.53	26.64	00.026	1465.0							
	085	00020	03.96	33.53	26.64		1465.1							
	STD	00030	04.22	33.63	26.69	00.042	1466.4							
	085	00030	04.23	33.63	26.70		1466.5							
	085	00036	04.34	33.67	26.72		1467.1							
	085	00043	03.78	33.69	26.79		1466.5							
	085	00049	02.58	33.74	26.94		1455.9							
	STD	00050	02.36	33.77	26.98	00.066	1455.0							
	085	00051	01.90	33.84	27.07		1457.1							
	085	00057	02.26	33.94	27.12		1456.9							
	085	00059	01.92	33.67	27.18		1457.5							
	085	00064	01.32	33.65	27.20		1454.9							
	085	00074	00.67	33.69	27.26		1453.5							
	STD	00075	01.02	34.03	27.29	00.050	1453.8							
	085	00076	01.08	34.08	27.32		1454.2							
	085	00085	01.46	34.21	27.40		1456.2							
	085	00085	01.83	34.32	27.46		1458.1							
	085	00095	03.43	34.49	27.46		1465.4							
	STD	00100	03.42	34.50	27.47	00.108	1465.4							
	085	00102	03.41	34.52	27.45		1465.4							
	STD	00125	03.65	34.63	27.55	00.123	1466.9							
	085	00125	03.69	34.64	27.55		1467.2							
	STD	00150	03.62	34.68	27.57	00.137	1468.2							
	085	00152	03.64	34.68	27.57		1468.3							
	085	00177	03.41	34.66	27.60		1466.8							
	STD	00200	03.79	34.75	27.63	00.162	1468.9							
	085	00201	03.62	34.75	27.63		1469.1							
	085	00205	03.59	34.74	27.64		1468.2							
	085	00226	03.70	34.76	27.65		1465.0							
	STD	00250	03.90	34.82	27.68	00.186	1470.3							
	085	00258	03.96	34.84	27.68		1470.7							
	085	00277	04.05	34.87	27.70		1471.5							
	STD	00300	04.25	34.92	27.72	00.207	1472.7							
	085	00302	04.26	34.92	27.72		1472.6							
	085	00315	04.30	34.92	27.71		1473.3							
	STD	00400	04.05	34.92	27.74	00.245	1473.6							
	085	00405	04.05	34.92	27.74		1473.6							
	085	00451	04.09	34.94	27.75		1474.6							
	STD	00500	04.11	34.96	27.76	00.285	1475.5							
	085	00500	04.11	34.96	27.76		1475.5							
	085	00550	04.05	34.95	27.76		1476.1							
	STD	00600	03.71	34.91	27.77	00.326	1475.4							
	085	00603	03.70	34.91	27.77		1475.4							
	085	00622	03.65	34.91	27.77		1475.5							
	085	00626	03.64	34.91	27.77		1475.6							
	085	00633	03.66	34.91	27.77		1475.6							
	085	00637	03.64	34.91	27.77		1475.7							
	085	00635	03.64	34.92	27.78		1475.8							
	085	00681	03.68	34.92	27.78		1476.2							
	085	00654	03.59	34.90	27.77		1476.5							
	STD	00700	03.56	34.89	27.76	00.366	1476.5							
	085	00704	03.57	34.85	27.76		1476.5							
	085	00708	03.55	34.85	27.77		1476.5							
	STD	00800	03.54	34.90	27.78	00.406	1478.0							
	085	00800	03.54	34.90	27.78		1478.0							
	STD	00900	03.54	34.90	27.78	00.445	1479.7							
	085	00900	03.54	34.90	27.76		1475.7							
	STD	01000	03.48	34.89	27.77	00.490	1481.1							
	085	01000	03.48	34.89	27.77		1481.1							
	085	01050	03.46	34.85	27.78		1481.0							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

N O D E S T A T I O N D A T A

REFID 31 2463	YEAR 1975	60TOP 00610	AIR TEMP 05.5	DIR HGT PER	WIND-DIR 35	INST STD RECORDER	TEA SG 1306
CONSEC 0072	MONTH 06	SHIP EV	WET BULB 05.6	35 2 2	WIND-SPD 10	TRACE CIR 0	5 SQUARE 4
LA° 45 55.8N	DAY 02	DATA USE 1	BAROMETER 1010.3	SEA	WIND-FOR	DURATION 00.3	2 SQUARE 46
LONG 046 28.1W	MOOR 12.5	AREA 05	CLOUD T/4	CL/7R	WEATHER R4	DRIF 011 051	1 SQUARE 56

CAST/NO/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNDPHM	SNO VEL	ORYG	P04	TOT P	A02	N03	S103	PH
12.5	STD	00000	03.93	33.49	26.62	00.000	1464.5							
	085	00000	03.93	33.49	26.62		1464.5							
	STD	00010	03.75	33.49	26.63	00.014	1464.1							
	085	00011	03.77	33.49	26.63		1464.0							
	STD	00020	03.71	33.50	26.65	00.02E	1463.9							
	085	00024	03.64	33.51	26.66		1463.7							
	STD	00030	03.50	33.53	26.69	00.042	1463.2							
	085	00036	03.28	33.55	26.73		1462.5							
	085	00040	02.44	33.55	26.83		1458.5							
	STD	00050	02.00	33.72	26.97	00.067	1457.3							
	085	00051	01.96	33.73	26.98		1457.2							
	085	00064	01.74	33.82	27.07		1456.6							
	085	00070	01.56	34.08	27.29		1456.2							
	085	00072	01.53	34.06	27.26		1456.1							
	STD	00075	01.56	34.05	27.30	00.091	1456.4							
	085	00081	01.85	34.16	27.35		1457.8							
	085	00097	03.12	34.42	27.43		1463.5							
	STD	00100	03.13	34.43	27.44	00.105	1464.0							
	085	00104	03.16	34.44	27.45		1464.3							
	085	00112	03.25	34.46	27.45		1464.8							
	085	00115	03.15	34.46	27.46		1464.5							
	STD	00125	02.59	34.43	27.45	00.125	1463.5							
	085	00129	02.78	34.41	27.46		1463.0							
	085	00137	02.23	34.38	27.46		1460.7							
	085	00144	02.17	34.41	27.51		1460.6							
	STD	00150	02.44	34.49	27.55	00.140	1462.0							
	085	00150	02.46	34.49	27.55		1462.1							
	085	00161	02.91	34.53	27.54		1464.2							
	085	00175	03.30	34.63	27.58		1466.3							
	STD	00200	03.57	34.71	27.62	00.166	1468.0							
	085	00201	03.59	34.71	27.62		1468.1							
	085	00230	03.77	34.74	27.62		1469.3							
	STD	00250	03.75	34.78	27.66	00.191	1465.6							
	085	00255	03.75	34.79	27.67		1469.7							
	085	00279	04.04	34.64	27.68		1471.4							
	STD	00300	04.04	34.85	27.68	00.213	1471.8							
	085	00306	04.04	34.85	27.68		1471.9							
	085	00350	04.07	34.90	27.72		1472.8							
	STD	00400	04.11	34.92	27.73	00.257	1473.8							
	085	00401	04.11	34.92	27.73		1473.2							
	085	00453	04.07	34.92	27.74		1474.5							
	STD	00500	03.96	34.92	27.75	00.29E	1474.5							
	085	00500	03.96	34.92	27.75		1474.5							
	085	00557	03.82	34.92	27.76		1475.2							
	085	00555	03.66	34.90	27.76		1475.1							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFID 31 8463	YEAR 1973	BDTGP 01065	AIR TEMP 07.2	OIR HGT PER	WIND-GIR 34	INST STD RECORDER	TEN SO 1306
CONSEC 0373	MONTH 06	SHIP EV	WET BULB 07.1	34 2 2	WIND-SPO 11	TRACE OIR 0	5 SQUARE 4
LA 45 34.2N	DAY 02	DATA USE 1	BARCHMETR 1009.9	SEA	WIND-FOR	DURATION 00.1	2 SQUARE 42
LDHC 042 14.0W	MOOR 14.2	AREA 05	CLCUD T/6	CL/TR	WEATHER 44	ORIG 011 052	1 SQUARE 56

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
14.2	STO	00000	03.64	33.41	26.58	00.000	1463.2							
	OBS	00003	03.64	33.41	26.58		1463.3							
	STO	00010	03.61	33.41	26.59	00.015	1463.2							
	STO	00020	03.54	33.42	26.60	00.029	1463.1							
	OBS	00022	03.52	33.42	26.60		1463.1							
	STO	00030	03.13	33.47	26.68	00.043	1461.6							
	OBS	00036	03.01	33.48	26.69		1461.2							
	OBS	00040	03.03	33.47	26.68		1461.3							
	STO	00050	02.13	33.59	26.86	00.069	1457.7							
	OBS	00051	02.00	33.63	26.90		1457.2							
	OBS	00055	01.66	33.77	27.03		1456.0							
	OBS	00059	01.78	33.80	27.05		1456.6							
	OBS	00066	01.47	33.79	27.06		1455.4							
	OBS	00068	02.09	33.93	27.13		1456.3							
	STO	00073	01.88	33.98	27.19	00.095	1457.6							
	OBS	00078	01.78	34.07	27.27		1457.3							
	OBS	00079	02.58	34.15	27.27		1460.9							
	OBS	00083	02.58	34.14	27.26		1461.0							
	OBS	00087	01.87	34.07	27.26		1457.9							
	OBS	00091	02.12	34.21	27.35		1456.2							
	OBS	00097	02.25	34.22	27.35		1459.9							
	OBS	00099	02.19	34.22	27.35		1459.7							
	STO	00100	02.48	34.29	27.35	00.115	1461.0							
	OBS	00100	02.70	34.34	27.41		1462.1							
	OBS	00106	03.41	34.35	27.38 *		1465.3							
	OBS	00112	03.30	34.41	27.39		1465.8							
	OBS	00116	03.58	34.52	27.43		1468.0							
	OBS	00119	04.21	34.52	27.40 *		1469.1							
	STO	00123	03.88	34.30	27.42	00.133	1467.7							
	OBS	00125	03.85	34.50	27.43		1467.6							
	OBS	00135	03.57	34.50	27.45		1466.6							
	OBS	00142	03.64	34.50	27.45		1467.0							
	OBS	00148	02.78	34.41	27.46		1463.3							
	STO	00150	02.84	34.43	27.48	00.149	1463.6							
	OBS	00156	03.12	34.56	27.54		1465.1							
	OBS	00165	03.68	34.61	27.53		1467.7							
	OBS	00167	04.55	34.72	27.53		1471.5							
	OBS	00171	04.61	34.72	27.52		1471.8							
	OBS	00173	04.27	34.69	27.53		1470.4							
	OBS	00175	04.24	34.68	27.53		1470.3							
	OBS	00158	03.77	34.67	27.57		1468.7							
	STO	00200	03.89	34.72	27.60	00.177	1469.3							
	OBS	00203	04.07	34.77	27.62		1470.2							
	OBS	00207	04.21	34.75	27.59 *		1470.8							
	OBS	00211	04.00	34.75	27.61		1470.0							
	OBS	00215	04.28	34.76	27.59		1471.2							
	OBS	00232	04.33	34.80	27.61		1471.8							
	STO	00250	04.60	34.87	27.64	00.203	1473.3							
	OBS	00251	04.61	34.87	27.64		1473.4							
	OBS	00272	04.51	34.84	27.63		1473.3							
	OBS	00276	04.16	34.80	27.63		1471.8							
	OBS	00293	03.44	34.73	27.65		1469.0							
	STO	00300	03.61	34.77	27.66	00.227	1469.8							
	OBS	00304	03.71	34.79	27.67		1470.4							
	OBS	00350	04.07	34.69	27.71		1472.8							
	STO	00400	03.98	34.90	27.73	00.271	1473.2							
	OBS	00401	03.98	34.90	27.73		1473.3							
	OBS	00451	04.31	34.98	27.76		1475.6							
	STO	00500	04.43	35.01	27.77	00.311	1476.9							
	OBS	00502	04.43	35.01	27.77		1477.0							
	OBS	00550	04.39	35.00	27.77		1477.6							
	STO	00600	04.11	34.96	27.77	00.351	1477.2							
	OBS	00605	04.09	34.96	27.77		1477.2							
	OBS	00651	04.00	34.97	27.78		1477.6							
	STO	00700	03.97	34.96	27.78	00.391	1478.2							
	OBS	00755	03.66	34.93	27.75		1477.8							
	STO	00800	03.61	34.92	27.78	00.430	1478.3							
	OBS	00803	03.61	34.92	27.78		1478.4							
	OBS	00852	03.57	34.92	27.79		1479.0							
	STO	00900	03.57	34.92	27.79	00.470	1479.8							
	OBS	00902	03.57	34.92	27.79		1479.9							
	OBS	00951	03.53	34.92	27.79		1480.5							
	STO	01000	03.53	34.93	27.80	00.510	1481.3							
	OBS	01007	03.53	34.93	27.80		1481.5							
	OBS	01027	03.53	34.93	27.80		1481.8							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFIC 31 8463	YEAR 1975	BC TOP 02000	AIR TEMP 05.9	DIA HGT PER	WIND-DIR 33	INST STO RECORDER	TEN SQ 1306
CONSEC 0074	MONTH 04	SHIP EV	WET BULB 05.8	33 2 2	WIND-SPO 12	TRACE DIR 0	5 SQUARE 4
LA 45 45.8N	DAY 02	DATA USE 1	BAROMETR 1005.1	SEA	WIND-FDR	DURATION 00.4	2 SQUARE 46
LONG 046 00.6W	HOUR 16.0	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	DRG 011 853	1 SQUARE 56

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	ORYG	PO4	TOT_P	NO2	NO3	SIO3	PH
16.0	STO	C0000	04.89	33.55	26.56	00.000	1468.6							
	OBS	00005	04.85	33.55	26.56		1468.7							
	STO	00010	04.90	33.56	26.57	00.015	1468.8							
	STO	00020	04.91	33.57	26.57	00.030	1469.1							
	OBS	00020	04.91	33.57	26.57		1469.1							
	STO	C0030	05.01	33.62	26.60	00.044	1469.7							
	OBS	00030	05.02	33.62	26.60		1469.8							
	OBS	00038	05.15	33.64	26.60		1470.4							
	OBS	00040	05.45	33.82	26.71		1471.9							
	STO	00050	06.84	34.13	26.78	00.072	1478.1							
	OBS	00051	07.03	34.17	26.78		1478.5							
	OBS	00055	05.41	34.03	26.68		1472.3							
	OBS	00057	05.01	34.12	27.00		1470.8							
	OBS	00062	04.59	34.19	27.06		1470.9							
	STO	00075	04.47	34.23	27.15	00.095	1469.0							
	OBS	00078	04.36	34.24	27.17		1468.6							
	OBS	00093	03.87	34.24	27.22		1466.8							
	OBS	00097	04.58	34.40	27.27		1470.1							
	STO	00100	04.67	34.41	27.26	00.121	1470.5							
	OBS	00100	04.70	34.41	27.26		1470.6							
	OBS	00123	05.31	34.55	27.30		1473.7							
	STO	00125	05.29	34.55	27.30	00.142	1473.7							
	OBS	00125	05.22	34.53	27.30		1473.4							
	OBS	00131	05.12	34.57	27.34		1473.1							
	OBS	00133	05.37	34.63	27.36		1474.2							
	OBS	00144	05.06	34.59	27.36		1473.1							
	STO	00150	04.86	34.55	27.35	00.161	1472.4							
	OBS	00152	04.75	34.58	27.35		1471.5							
	OBS	00154	04.40	34.55	27.41		1470.5							
	OBS	00175	04.64	34.64	27.45		1471.9							
	OBS	00196	04.64	34.67	27.48		1472.3							
	STO	00200	05.03	34.74	27.45	00.194	1474.1							
	OBS	00203	05.25	34.78	27.49		1475.1							
	OBS	00211	05.27	34.78	27.49		1475.3							
	OBS	00215	04.57	34.76	27.51		1474.1							
	OBS	00234	04.57	34.77	27.52		1474.4							
	OBS	00236	04.62	34.74	27.53		1473.0							
	OBS	00241	04.25	34.71	27.55		1471.7							
	STO	00250	04.20	34.71	27.56	00.224	1471.4							
	OBS	00255	04.13	34.71	27.56		1471.2							
	OBS	00260	04.04	34.71	27.57		1470.9							
	OBS	00266	04.04	34.71	27.57		1471.0							
	OBS	00268	04.32	34.77	27.55		1472.3							
	OBS	00285	03.78	34.71	27.60		1470.2							
	STO	00300	04.54	34.86	27.64	00.251	1473.5							
	OBS	00300	04.57	34.87	27.64		1474.0							
	OBS	00346	04.77	34.90	27.64		1475.6							
	OBS	00354	04.45	34.88	27.66		1474.4							
	OBS	00357	04.50	34.90	27.67		1476.7							
	OBS	00367	04.53	34.98	27.69		1476.8							
	STO	00400	04.58	35.00	27.70	00.298	1477.5							
	OBS	00403	04.58	35.00	27.70		1477.6							
	OBS	00451	04.68	34.98	27.72		1477.1							
	STO	00500	04.64	35.01	27.75	00.341	1477.8							
	OBS	00500	04.64	35.01	27.75		1477.8							
	OBS	00550	04.61	35.02	27.76		1478.5							
	STO	00600	04.39	35.00	27.77	00.383	1478.4							
	OBS	00601	04.39	35.00	27.77		1478.4							
	OBS	00652	04.34	35.00	27.77		1479.1							
	STO	00700	04.21	34.98	27.77	00.423	1475.3							
	OBS	00700	04.21	34.98	27.77		1479.3							
	OBS	00751	04.05	34.94	27.75		1475.4							
	STO	00800	03.71	34.92	27.77	00.464	1478.7							
	OBS	00801	03.70	34.92	27.78		1478.7							
	OBS	00850	03.64	34.92	27.78		1475.3							
	STO	00900	03.64	34.92	27.78	00.505	1480.1							
	OBS	00904	03.64	34.92	27.78		1480.2							
	OBS	00951	03.66	34.93	27.79		1481.1							
	STO	01000	03.64	34.93	27.79	00.545	1481.8							
	OBS	01007	03.62	34.93	27.75		1481.8							
	OBS	01024	03.57	34.92	27.79		1481.5							
	OBS	01062	03.57	34.92	27.79		1482.5							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

M D O C S T A T I O N C A T A

REFIC 31 8463	YEAR 1975	BDTDP 0010c	AIR TEMP 03.3	DIR HGT PER	WIND-DIR 31	INST STD RECORDER	TEM SO 130c
CONSEC 0075	MONTH 06	SHIP EV	WET BULB 03.3	32 0 2	WIND-SPD 03	TRACE DIR 0	5 SQUARE 2
LAT 44 50.9N	DAY 03	DATA USE 1	BAROMETR 1008.1	SEA	WIND-FOR	DURATION 00.0	2 SQUARE 48
LONG 049 17.0W	HOOR 06.8	AREA 05	CLCUD T/A	CL/TR	WEATHER X5	ORIG Q11 854	1 SQUARE 49

CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	SYNDEPTH	SND VEL	CXYG	PD4	TOT P	NO2	NO3	SIO3	PH
06.8	STD	00000	00.78	33.02	26.45	00.000	1450.1							
	OBS	00003	00.78	33.02	26.49		1450.2							
	STD	00010	00.78	33.02	26.49	00.01c	1450.3							
	OBS	00015	00.78	33.02	26.49		1450.3							
	STD	00020	00.55	33.03	26.51	00.031	1445.6							
	OBS	00022	00.51	33.04	26.52		1449.3							
	STD	00030	00.40	33.06	26.54	00.04c	1448.9							
	OBS	00032	00.36	33.06	26.55		1448.8							
	STD	00050	00.11	33.06	26.56	00.076	1447.9							
	OBS	00051	00.10	33.06	26.56		1447.9							
	OBS	00068	00.02	33.07	26.57		1447.8							
	STD	00075	- 0.40	33.13	26.64	00.112	1446.1							
	OBS	00076	- 0.50	33.15	26.66		1445.7							
	OBS	00078	- 0.69	33.18	26.69		1444.9							
	OBS	00097	- 0.80	33.22	26.73		1444.7							
	STD	00100	- 0.80	33.23	26.73	00.146	1444.8							
	OBS	00102	- 0.80	33.24	26.74		1444.8							

REFIC 31 8463	YEAR 1975	BDTDP 0010c	AIR TEMP 03.3	DIR HGT PER	WIND-DIR 35	INST STD RECORDER	TEM SO 130c
CONSEC 007c	MONTH 06	SHIP EV	WET BULB 03.2	99 X X	WIND-SPD 03	TRACE DIR 0	5 SQUARE 2
LAT 44 50.5N	DAY 03	DATA USE 1	BAROMETR 1010.0	SEA	WIND-FOR	DURATION 00.0	2 SQUARE 46
LONG 049 06.0W	HOOR 07.9	AREA 05	CLCUD T/A	CL/TR	WEATHER X4	ORIG Q11 853 10	1 SQUARE 49

CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	SYNDEPTH	SND VEL	CXYG	PD4	TOT P	NO2	NO3	SIO3	PH
07.9	STD	00000	01.24	32.57	26.42	00.000	1452.1							
	OBS	00001	01.24	32.97	26.42		1452.1							
	OBS	00009	01.23	32.97	26.42		1452.2							
	STD	00010	01.12	32.96	26.42	00.01c	1451.7							
	OBS	00011	00.85	32.92	26.41		1450.5							
	STD	00020	00.65	32.98	26.46	00.032	1445.8							
	STD	00030	00.43	33.03	26.52	00.048	1445.0							
	OBS	00030	00.42	33.03	26.52		1449.0							
	STD	00050	00.29	33.06	26.56	00.078	1448.8							
	OBS	00053	- 0.01	33.09	26.59		1447.5							
	OBS	00059	- 0.73	33.11	26.63		1444.3							
	OBS	00060	- 0.67	33.21	26.71		1444.7							
	OBS	00062	- 0.84	33.19	26.70		1443.9							
	STD	00075	- 0.75	33.27	26.77	00.112	1444.6							
	OBS	00076	- 0.75	33.28	26.77		1444.7							
	OBS	00091	- 0.78	33.37	26.85		1444.6							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOD STATION DATA

REFID 31 8463	YEAR 1975	BOTOP 00880	AIR TEMP 02.2	DIR HGT PER	WIND-DIR 35	INST STO RECORDER	TEM SO 1306
CONSEC 0077	MONTH 06	SHIP EV	WET BULB 02.2	99 X X	WIND-SPD 05	TRACE DIR D	5 SQUARE 2
LAT 44 48.0N	DAY 03	DATA USE 1	BAROMETER 1010.0	SEA	WIND-FOR	DURATION 00.3	2 SQUARE 48
LONG 048 51.8W	MOOR 09.1	AREA 05	CLCUO T/A	CL/TR	WEATHER X4	DRIC C11 B56 11	1 SQUARE 48

CASSTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SNO VEL	QXYG	P04	TOT P	M02	M03	S103	PM
09.1	STO	00000	01.46	33.09	26.50	00.000	1453.3							
	D85	00001	01.46	33.09	26.50		1453.3							
	STO	00010	01.43	33.05	26.50	00.015	1453.3							
	STO	00020	01.20	33.06	26.51	00.031	1452.4							
	D85	00022	01.10	33.06	26.52		1452.0							
	STO	00030	00.76	33.13	26.56	00.046	1450.6							
	D85	00030	00.73	33.13	26.58		1450.5							
	D85	00038	00.26	33.16	26.65		1448.6							
	D85	00041	- 0.55	33.20	26.70		1444.5							
	D85	00045	- 0.78	33.24	26.74		1444.0							
	STO	00050	- 0.68	33.25	26.75	00.073	1443.6							
	D85	00051	- 0.91	33.25	26.75		1443.5							
	D85	00053	- 0.54	33.32	26.81		1443.5							
	D85	00055	- 0.76	33.31	26.80		1444.3							
	D85	00057	- 0.77	33.26	26.77		1444.3							
	D85	00059	- 1.27	33.29	26.80		1442.0							
	D85	00066	- 1.34	33.34	26.84		1441.9							
	STO	00075	- 1.20	33.38	26.87	00.104	1442.7							
	D85	00076	- 1.19	33.39	26.86		1442.6							
	STO	00100	- 1.15	33.42	26.90	00.134	1443.4							
	D85	00102	- 1.14	33.46	26.93		1443.6							
	D85	00110	- 0.51	33.60	27.02		1446.8							
	STO	00125	- 0.36	33.56	27.00	00.161	1447.7							
	D85	00125	- 0.35	33.58	27.00		1447.8							
	D85	00142	- 0.21	33.62	27.02		1448.6							
	STO	00150	00.05	33.71	27.09	00.187	1450.2							
	D85	00152	00.12	33.74	27.11		1450.6							
	D85	00177	00.58	33.88	27.19		1453.3							
	D85	00180	00.51	33.93	27.24		1453.1							
	D85	00188	00.52	34.03	27.29		1455.2							
	STO	00200	00.56	34.12	27.36	00.230	1455.7							
	D85	00201	01.33	34.19	27.39		1457.5							
	D85	00203	01.83	34.28	27.43		1459.5							
	D85	00234	02.17	34.40	27.55		1462.1							
	STO	00250	02.26	34.53	27.55	00.261	1463.0							
	D85	00251	02.30	34.53	27.55		1463.1							
	D85	00277	02.31	34.53	27.59		1463.6							
	STO	00300	02.49	34.59	27.62	00.286	1464.8							
	D85	00300	02.50	34.59	27.62		1464.8							
	D85	00350	02.55	34.73	27.70		1467.6							
	STO	00400	03.16	34.79	27.72	00.352	1469.7							
	D85	00401	03.19	34.79	27.72		1469.6							
	D85	00453	03.43	34.83	27.73		1471.7							
	STO	00500	03.59	34.86	27.74	00.373	1473.2							
	D85	00500	03.56	34.86	27.74		1473.2							
	D85	00555	03.53	34.87	27.75		1473.9							
	STO	00600	03.52	34.86	27.75	00.414	1474.5							
	D85	00605	03.52	34.86	27.75		1474.6							
	D85	00652	03.57	34.87	27.75		1475.6							
	STO	00700	03.55	34.87	27.75	00.456	1476.3							
	D85	00700	03.55	34.67	27.75		1476.4							
	D85	00751	03.53	34.88	27.76		1477.1							
	STO	00800	03.53	34.88	27.76	00.457	1477.5							
	D85	00803	03.53	34.88	27.76		1476.0							
	D85	00829	03.52	34.88	27.76		1478.4							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOCC STATION C 7 A

RAPID 31	8463	YEAR 1975	BOTOP 0146	AIR TEMP 05.3	AIR HGT PER 05 2 2	WIND-DIR 35	INST 57C RECORDER	TEN SO 1306
CONSEC 007E		MONTH 06	SHIP EV	WET BULB 04.6		WIND-SPD 07	TRACE CIA 0	5 SQUARE 2
LAT 44 52.0N		DAY 03	DATA USE 1	BAROMETR 1008.2	SEA	WIND-FOR	DURATION 00.3	2 SQUARE 48
LONG 048 38.5E		MOUR 11.0	AREA 05	CLCUD T/A	CL/7R	WEATHER X2	DR16 011 857 15	1 SQUARE 48

CASSTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	OYNDP7M	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STD	00000	02.44	33.38	26.66	00.000	1458.0							
11.0	OBS	00003	02.44	33.38	26.66		1458.0							
	STD	00010	02.44	33.37	26.66	00.014	1458.1							
	OBS	00013	02.44	33.37	26.66		1458.2							
	STD	00020	02.35	33.36	26.66	00.028	1457.9							
	STD	00030	02.24	33.36	26.66	00.042	1457.6							
	OBS	00030	02.24	33.36	26.66		1457.6							
	OBS	00041	02.17	33.36	26.67		1457.5							
	OBS	00043	01.54	33.46	26.77		1456.6							
	STD	00050	01.90	33.55	26.84	00.068	1456.7							
	OBS	00055	01.87	33.64	26.92		1456.7							
	STD	00075	01.75	33.95	27.17	00.094	1457.1							
	OBS	00078	01.78	34.09	27.28		1457.3							
	OBS	00075	01.58	34.19	27.38		1456.6							
	OBS	00055	02.24	34.38	27.48		1460.0							
	STD	00100	02.46	34.43	27.50	00.113	1461.1							
	OBS	00100	02.50	34.43	27.50		1461.3							
	OBS	00102	02.33	34.43	27.51		1460.6							
	OBS	00110	02.37	34.49	27.56		1461.0							
	OBS	00118	02.61	34.51	27.55		1462.2							
	STD	00125	02.60	34.53	27.57	00.127	1462.3							
	OBS	00125	02.60	34.53	27.57		1462.3							
	STD	00150	02.65	34.56	27.58	00.141	1463.0							
	OBS	00152	02.66	34.56	27.59		1463.0							
	OBS	00175	02.58	34.59	27.62		1463.1							
	STD	00200	02.75	34.68	27.67	00.165	1464.4							
	OBS	00201	02.76	34.68	27.67		1464.5							
	OBS	00232	03.07	34.72	27.68		1466.4							
	STD	00250	03.24	34.75	27.69	00.187	1467.4							
	OBS	00253	03.27	34.76	27.69		1467.6							
	OBS	00275	03.46	34.80	27.70		1468.5							
	OBS	00258	03.69	34.86	27.73		1470.3							
	STD	00300	03.72	34.86	27.73	00.208	1470.4							
	OBS	00310	03.95	34.90	27.75		1471.6							
	OBS	00352	03.56	34.51	27.74		1472.4							
	STD	00400	03.51	34.91	27.75	00.246	1473.0							
	OBS	00405	03.90	34.51	27.75		1473.0							
	OBS	00451	03.70	34.88	27.74		1472.9							
	STD	00500	03.62	34.89	27.76	00.288	1473.4							
	OBS	00504	03.62	34.89	27.76		1473.4							
	OBS	00552	03.65	34.90	27.76		1474.5							
	STD	00600	03.66	34.90	27.76	00.327	1475.2							
	OBS	00603	03.66	34.90	27.76		1475.2							
	OBS	00652	03.62	34.90	27.77		1475.6							
	STD	00700	03.61	34.85	27.76	00.367	1476.6							
	OBS	00702	03.61	34.89	27.76		1476.7							
	OBS	00753	03.53	34.85	27.77		1477.2							
	STD	00800	03.53	34.85	27.77	00.408	1478.0							
	OBS	00805	03.53	34.89	27.77		1478.0							
	OBS	00852	03.52	34.88	27.76		1478.8							
	STD	00900	03.50	34.88	27.76	00.450	1475.5							
	OBS	00906	03.50	34.88	27.76		1479.6							
	OBS	00951	03.50	34.88	27.76		1480.3							
	STD	01000	03.50	34.87	27.76	00.452	1481.1							
	OBS	01001	03.50	34.87	27.76		1481.2							
	OBS	01058	03.48	34.87	27.76		1482.0							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

FFIO 31 8463	YEAR 1975	BDTDP 02357	AIR TEMP 04.8	OIR PCT PER	WIND-CIR 32	INST STO RECORDER	TEN SO 1306
CONSEC 0375	MONTH 06	SHIP EV	WET BULB 04.7	32 1 2	WIND-SPO 10	TRACE OIR 0	5 SQUARE 2
LA" 44 50.5N	DAY 03	DATA USE 1	BAROMETER 1010.8	SEA	WIND-FOR	DURATION 00.5	2 SQUARE 46
LONG 048 24.0E	MOUR 12.7	AREA 05	CLOUD 7/A	CL/TR	WEATHER 84	ORIG 011 850 10	3 SQUARE 46

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYNDPTH	SND VEL	OXYG	PC4	TOT P	NO2	NO3	S103	PH
12.7	STO	00000	02.75	33.37	26.63	00.000	1459.3							
	085	00001	02.75	33.37	26.63		1459.3							
	STO	00010	02.72	33.37	26.63	00.014	1459.3							
	085	00011	02.71	33.37	26.63		1459.3							
	STO	00020	02.65	33.37	26.63	00.028	1459.4							
	STO	00030	02.67	33.37	26.64	00.042	1459.5							
	085	00032	02.67	33.37	26.64		1459.5							
	085	00049	01.94	33.78	27.02		1457.1							
	STO	00050	01.92	33.78	27.03	00.067	1457.1							
	085	00053	01.80	33.82	27.06		1456.6							
	085	00066	01.51	34.00	27.23		1455.8							
	085	00070	01.35	34.04	27.27		1455.2							
	STO	00075	01.70	34.17	27.35	00.085	1457.1							
	085	00076	01.76	34.19	27.36		1457.3							
	085	00085	01.53	34.22	27.40		1456.6							
	085	00095	01.77	34.30	27.45		1457.9							
	STO	00100	01.76	34.33	27.47	00.106	1457.9							
	085	00100	01.76	34.33	27.48		1457.9							
	085	00121	02.43	34.46	27.53		1461.4							
	STC	00125	02.55	34.48	27.54	00.121	1462.0							
	085	00133	02.82	34.54	27.56		1463.4							
	STO	00150	03.29	34.63	27.58	00.135	1465.8							
	085	00150	03.29	34.63	27.58		1465.8							
	085	00175	02.87	34.60	27.60		1464.4							
	085	00190	02.46	34.58	27.62		1462.8							
	STO	00200	02.45	34.59	27.63	00.160	1462.9							
	085	00203	02.44	34.59	27.63		1463.0							
	085	00226	02.57	34.64	27.66		1464.0							
	STO	00250	02.77	34.69	27.68	00.183	1465.3							
	085	00251	02.78	34.69	27.68		1465.4							
	085	00276	03.02	34.72	27.68		1466.5							
	085	00279	03.08	34.76	27.71		1467.2							
	085	00291	03.32	34.79	27.73		1468.5							
	STO	00300	03.35	34.80	27.73	00.205	1468.5							
	085	00306	03.43	34.81	27.71		1469.2							
	085	00352	03.62	34.86	27.74		1470.9							
	STO	00400	04.18	34.95	27.75	00.246	1474.1							
	085	00407	04.20	34.95	27.75		1474.3							
	085	00451	03.96	34.92	27.75		1474.0							
	STO	00500	04.14	34.96	27.76	00.286	1475.6							
	085	00502	04.14	34.96	27.76		1475.7							
	085	00550	04.07	34.95	27.76		1476.2							
	STO	00600	04.02	34.95	27.77	00.325	1476.8							
	085	00601	04.02	34.95	27.77		1476.8							
	085	00651	03.91	34.94	27.77		1477.1							
	STO	00700	03.87	34.94	27.77	00.366	1477.8							
	085	00700	03.87	34.94	27.77		1477.8							
	085	00751	03.80	34.93	27.77		1478.3							
	STO	00800	03.80	34.93	27.77	00.406	1479.1							
	085	00805	03.80	34.93	27.77		1479.2							
	085	00850	03.75	34.93	27.78		1479.8							
	STO	00900	03.68	34.92	27.78	00.447	1480.3							
	085	00906	03.67	34.92	27.78		1480.4							
	085	00953	03.66	34.92	27.78		1481.1							
	STO	01000	03.65	34.92	27.78	00.466	1481.8							
	085	01001	03.65	34.92	27.78		1481.9							
	085	01054	03.64	34.92	27.78		1482.7							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REF ID 31 8463	YEAR 1975	BOTOP 02763	AIR TEMP 05.7	DIA MGT PER	WIND-OIA 34	INST STO RECORDER	TEN SQ 1306
CONSIC 3383	MOHTM 06	SHIP EV	WET BULB 05.1	34 1 2	WIND-SPC 14	TRACE DIA C	5 SQUARE 2
LAT 44 51.0N	DAY 03	DATA USE 1	BARCHETA 1009.9	SEA	WIND-FOR	DURATION 00.2	2 SQUARE 48
LONG 148 09.0W	MOUR 14.7	AREA 05	CLCUD 7/4	CL/TA	WEATHER 34	OIA 011 859 12	1 SQUARE 48

CASTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	OXYG	PO4	TCT	RC2	NO3	S103	PH
14.7	STC	00000	03.32	33.27	26.50	00.000	1461.6							
	OBS	00001	03.32	33.27	26.50		1461.7							
	OBS	00005	03.16	33.17	26.43		1460.9							
	STO	00010	03.31	33.20	26.44	00.016	1461.7							
	OBS	00013	03.49	33.26	26.46		1462.6							
	OBS	00016	02.78	33.33	26.59		1459.7							
	STO	00020	02.77	33.33	26.60	00.031	1459.7							
	OBS	00020	02.75	33.33	26.60		1459.6							
	STO	00030	02.68	33.34	26.61	00.045	1459.4							
	OBS	00034	02.64	33.36	26.63		1459.4							
	OBS	00038	02.75	33.38	26.64		1460.0							
	STO	00050	02.50	33.36	26.64	00.074	1459.0							
	OBS	00051	02.46	33.36	26.65		1458.9							
	OBS	00074	01.72	34.03	27.24		1456.6							
	STO	00075	01.01	34.08	27.27	00.102	1457.4							
	OBS	00075	02.15	34.22	27.35		1459.3							
	OBS	00081	02.28	34.15	27.32		1455.7							
	OBS	00093	01.56	34.18	27.37		1456.7							
	OBS	00095	01.55	34.21	27.39		1456.8							
	STO	00100	01.66	34.26	27.42	00.120	1457.4							
	OBS	00102	01.70	34.27	27.43		1457.6							
	OBS	00108	01.74	34.27	27.43		1457.6							
	OBS	00116	02.35	34.36	27.45		1460.8							
	OBS	00121	02.37	34.41	27.49		1461.1							
	STO	00125	02.01	34.41	27.52	00.136	1459.5							
	OBS	00125	01.98	34.41	27.52		1459.4							
	OBS	00131	02.42	34.45	27.52		1461.5							
	OBS	00146	02.37	34.48	27.56		1461.6							
	STO	00150	03.07	34.57	27.56	00.150	1466.8							
	OBS	00152	03.46	34.62	27.56		1466.6							
	OBS	00177	03.80	34.69	27.58		1466.5							
	OBS	00199	04.27	34.80	27.62		1471.0							
	STO	00200	04.27	34.80	27.62	00.176	1471.0							
	OBS	00207	04.04	34.76	27.61		1470.1							
	OBS	00226	04.38	34.86	27.66		1472.0							
	STC	00230	04.53	34.87	27.65	00.200	1473.0							
	OBS	00251	04.54	34.87	27.65		1473.1							
	OBS	00270	04.72	34.90	27.65		1474.2							
	OBS	00272	04.45	34.85	27.64		1473.0							
	OBS	00276	04.39	34.85	27.65		1472.8							
	OBS	00281	04.34	34.85	27.65		1472.7							
	OBS	00285	03.20	34.68	27.63		1467.5							
	OBS	00297	03.01	34.70	27.67		1467.1							
	STO	00300	03.01	34.70	27.67	00.224	1467.2							
	OBS	00304	03.02	34.71	27.67		1467.3							
	OBS	00325	03.53	34.76	27.68		1466.9							
	OBS	00329	03.76	34.86	27.72		1471.2							
	OBS	00352	04.20	34.52	27.72		1473.4							
	OBS	00363	04.09	34.88	27.70		1473.1							
	STO	00400	04.23	34.92	27.72	00.268	1474.3							
	OBS	00401	04.23	34.52	27.72		1474.3							
	OBS	00451	04.25	34.94	27.73		1475.3							
	STC	00500	03.86	34.69	27.73	00.310	1474.4							
	OBS	00500	03.86	34.89	27.73		1474.4							
	OBS	00530	03.53	34.92	27.75		1475.5							
	STO	00600	03.54	34.53	27.76	00.352	1476.4							
	OBS	00601	03.94	34.93	27.76		1476.4							
	OBS	00651	03.55	34.94	27.77		1477.3							
	STO	00700	03.99	34.55	27.77	00.352	1476.3							
	OBS	00700	03.99	34.95	27.77		1476.3							
	OBS	00750	03.55	34.94	27.77		1476.0							
	STO	00800	03.87	34.93	27.77	00.433	1475.4							
	OBS	00805	03.86	34.53	27.77		1476.5							
	OBS	00852	03.76	34.93	27.77		1479.9							
	STO	00900	03.70	34.91	27.77	00.475	1480.4							
	OBS	00900	03.70	34.91	27.77		1480.4							
	OBS	00955	03.60	34.90	27.77		1480.9							
	STO	01000	03.52	34.85	27.77	00.517	1481.2							
	OBS	01031	03.52	34.85	27.77		1481.3							
	OBS	01060	03.53	34.90	27.78		1482.3							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFID 51 8463	YEAR 1975	BCTOP 03140	AIR TEMP 06.2	DIR MGT PER	WIND-DIR 32	INST STO RECORER	TEN SO 1306
CONSEC 3381	MONTH 04	SHP EV	NET BULB 05.8	32 2 2	WIND-SPD 13	TRACE DIR 0	5 SQUARE 2
LA 4 51.3N	DAY 03	DATA USE 1	SARCPETR 1009.0	SEA	WIND-FOA	DURATION 00.5	2 SQUARE 46
LONG 04 56.0W	MOUM 14.3	AREA 05	CLOUD T/A	CL/TA	WEATHER 14	ORIG 011 660 11	1 SQUARE 47

CASNUM/TIME	LVLTY	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SND VEL	OXYG	PO4	TCT P	AC2	NO3	SIO3	PH
14.3	085	C0005	04.00	33.27	26.43		1464.7							
	STO	00010	04.00	33.27	26.43		1464.7							
	085	00015	03.58	33.26	26.43		1464.7							
	STO	00020	03.57	33.26	26.43		1464.7							
	085	00022	03.57	33.26	26.43		1464.8							
	085	00024	03.84	33.27	26.45		1464.3							
	085	00026	02.87	33.27	26.56		1459.3							
	085	00028	02.30	33.36	26.66		1457.8							
	STO	00030	02.31	33.36	26.66		1457.9							
	085	00032	02.32	33.37	26.66		1458.0							
	STO	00030	02.30	33.43	26.72		1458.3							
	085	00035	02.30	33.48	26.75		1458.4							
	STO	00075	01.72	33.86	27.10		1456.7							
	085	00081	01.56	33.94	27.18		1456.2							
	STO	00100	01.22	34.00	27.25		1455.1							
	085	00100	01.22	34.00	27.25		1455.1							
	085	00108	01.28	34.05	27.25		1455.6							
	085	00112	01.65	34.15	27.29		1455.6							
	085	00123	01.96	34.20	27.34		1457.4							
	STO	00125	01.83	34.21	27.37		1458.5							
	085	00125	01.78	34.21	27.38		1458.3							
	STO	00150	01.69	34.30	27.46		1458.4							
	085	00150	01.65	34.30	27.46		1458.4							
	085	00173	02.01	34.39	27.50		1460.3							
	085	00175	02.53	34.44	27.50		1462.7							
	085	00182	02.09	34.44	27.54		1460.9							
	STO	00200	02.32	34.50	27.56		1462.3							
	085	00201	02.37	34.50	27.56		1462.5							
	085	00205	02.48	34.51	27.56		1463.1							
	085	00213	03.31	34.64	27.59		1467.0							
	085	00226	03.46	34.66	27.59		1467.9							
	085	00252	03.56	34.75	27.61		1470.2							
	STO	00250	03.41	34.67	27.61		1468.0							
	085	00251	03.35	34.67	27.61		1468.0							
	085	00262	03.27	34.69	27.63		1467.7							
	085	00272	03.71	34.74	27.63		1469.6							
	085	00276	03.87	34.75	27.65		1470.6							
	STO	00300	04.29	34.85	27.66		1472.8							
	085	00300	04.30	34.85	27.66		1472.5							
	085	00350	04.46	34.91	27.69		1474.4							
	STO	00400	04.63	34.96	27.71		1476.0							
	085	00401	04.63	34.96	27.71		1476.0							
	085	00451	04.54	34.97	27.73		1476.5							
	STO	00500	04.25	34.95	27.74		1476.3							
	085	00502	04.28	34.95	27.74		1476.2							
	085	00550	04.12	34.94	27.75		1476.4							
	STO	00600	03.50	34.92	27.76		1476.2							
	085	00603	03.39	34.92	27.76		1476.2							
	085	00652	03.82	34.91	27.75		1476.8							
	STO	00700	03.96	34.94	27.76		1478.2							
	085	00700	03.94	34.94	27.76		1478.2							
	085	00750	01.89	34.93	27.76		1476.7							
	STO	00800	03.81	34.92	27.76		1476.2							
	085	00801	03.81	34.92	27.76		1476.2							
	085	00852	03.72	34.91	27.77		1479.7							
	STO	00900	03.62	34.90	27.77		1480.0							
	085	00900	03.62	34.90	27.77		1480.0							
	085	00923	03.78	34.93	27.77		1481.6							
	STO	01000	03.64	34.91	27.77		1481.8							
	085	01003	03.64	34.91	27.77		1481.8							
	085	01054	03.70	34.92	27.78		1483.0							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

M D O C S T A T I O N O A T A														
REFIC 31 8463	YEAR 1975	80TOP 03423	AIR TEMP 07.4	018 HGT PER	WIND-DIR 33	INST STC RECORDER	TEN SQ 130c							
CONSEC 0082	MONTH 06	SHIP EV	WET BULB 07.0	33 2 2	WIND-SPD 11	TRACE DIR 0	5 SQUARE 2							
LAT 44 31.5N	DAY 03	DATA USE 1	BAROMETER 1005.5	SEA	WIND-FOR	DURATION 00.4	2 SQUARE 46							
LONG 347 43.1W	MOOR 18.3	AREA 05	CLOUD T/A	CL/TR	WEATHER A4	DATE 011 861 10	1 SQUARE 47							
CASINUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	DAYC	PO4	TOT P	MO2	MC3	S103	PH
18.3	STO	00000	05.24	33.87	26.62	00.000	1470.2							
	085	00003	05.24	33.67	26.62		1470.3							
	STO	00010	05.31	33.71	26.64	00.014	1470.7							
	085	00015	05.37	33.74	26.66		1471.1							
	STO	00020	06.15	33.98	26.75	00.028	1474.7							
	085	00020	06.26	34.01	26.76		1475.2							
	STO	00030	06.72	34.15	26.81	00.041	1477.3							
	085	00030	06.76	34.16	26.81		1477.5							
	085	00034	07.14	34.19	26.78		1479.1							
	085	00043	07.38	34.30	26.84		1480.3							
	STO	00050	07.98	34.44	26.85	00.065	1482.5							
	085	00053	08.26	34.50	26.86		1484.1							
	085	00055	08.67	34.60	26.88		1485.5							
	STO	00075	08.71	34.61	26.88	00.055	1486.3							
	085	00076	08.71	34.61	26.88		1486.4							
	085	00081	08.71	34.60	26.87		1486.4							
	085	00085	05.31	34.04	26.90		1472.4							
	085	00087	04.17	33.95	26.96		1467.6							
	085	00093	03.85	33.96	26.99		1466.5							
	085	00095	03.80	33.93	26.98		1466.1							
	085	03095	03.50	33.52	27.00		1464.5							
	STO	00100	03.13	33.87	27.00	00.124	1463.3							
	085	00102	02.29	33.81	27.02		1455.6							
	085	00104	01.87	33.83	27.07		1457.8							
	085	00106	01.85	33.82	27.06		1457.8							
	085	00114	01.60	33.80	27.06		1456.7							
	085	00118	01.17	33.63	27.12		1454.5							
	085	00119	01.07	33.82	27.11		1454.5							
	STO	00125	01.17	33.84	27.12	00.145	1455.0							
	085	00125	01.34	33.91	27.17		1456.0							
	085	00131	01.44	33.96	27.20		1456.5							
	085	00135	01.73	33.96	27.18		1457.5							
	085	00144	01.81	34.04	27.24		1458.3							
	085	00146	01.57	34.03	27.25		1457.4							
	STO	00150	01.53	34.05	27.27	00.171	1457.4							
	085	00150	01.53	34.05	27.27		1457.4							
	085	00159	01.55	34.05	27.27		1457.6							
	085	00161	01.27	34.04	27.28		1456.4							
	085	00173	01.44	34.13	27.34		1457.4							
	085	00177	01.44	34.12	27.33		1457.5							
	085	00194	01.60	34.21	27.39		1458.6							
	085	00198	01.89	34.24	27.39		1460.0							
	STO	00200	02.33	34.31	27.42	00.205	1462.0							
	085	00201	02.58	34.35	27.43		1463.2							
	085	00205	02.67	34.36	27.43		1463.7							
	085	00213	03.45	34.45	27.43		1467.3							
	085	00226	03.45	34.50	27.46		1467.8							
	085	00247	03.91	34.61	27.51		1470.0							
	STO	00250	04.06	34.64	27.52	00.241	1470.7							
	085	00253	04.30	34.70	27.54		1471.5							
	085	00276	04.38	34.71	27.54		1472.6							
	STO	00300	04.27	34.72	27.56	00.270	1472.6							
	085	00300	04.27	34.72	27.56		1472.6							
	085	00333	04.54	34.79	27.58		1474.3							
	085	00344	04.27	34.74	27.57		1473.3							
	085	00348	04.57	34.92	27.64		1476.5							
	085	00352	05.02	34.91	27.62		1476.8							
	085	00359	05.20	34.93	27.62		1477.7							
	085	00369	05.00	34.92	27.63		1477.0							
	085	00378	05.12	34.95	27.64		1477.6							
	085	00386	04.77	34.88	27.63		1476.3							
	085	00395	04.38	34.82	27.62		1474.7							
	STO	00400	04.18	34.81	27.64	00.324	1473.9							
	085	00411	03.86	34.80	27.66		1472.8							
	085	00422	03.98	34.82	27.67		1473.5							
	085	00434	04.76	34.55	27.68		1477.1							
	085	00437	05.02	34.55	27.69		1478.3							
	085	00451	05.09	35.00	27.69		1478.8							
	085	00458	05.32	35.04	27.69		1479.5							
	085	00463	04.77	34.56	27.69		1478.1							
	085	00468	04.45	34.90	27.68		1476.8							
	STO	00500	04.43	34.90	27.68	00.373	1476.7							
	085	00504	04.36	34.51	27.70		1476.6							
	085	00536	04.61	34.98	27.71		1478.2							
	085	00557	04.47	34.95	27.72		1477.5							
	STO	00600	04.22	34.93	27.73	00.418	1477.6							
	085	00605	04.22	34.53	27.73		1477.7							
	085	00651	04.38	34.97	27.74		1475.2							
	STO	00700	04.45	34.59	27.75	00.461	1480.3							
	085	00700	04.45	34.59	27.75		1480.3							
	085	00753	04.12	34.94	27.75		1479.7							
	STO	00800	04.04	34.94	27.76	00.504	1480.2							
	085	00809	04.02	34.94	27.76		1480.2							
	085	00854	03.51	34.93	27.76		1480.5							
	STO	00900	03.87	34.93	27.77	00.547	1481.1							
	085	00902	03.87	34.53	27.77		1481.1							
	085	00951	03.80	34.92	27.76		1481.7							
	STO	01000	03.78	34.92	27.77	00.590	1482.4							
	085	01001	03.78	34.52	27.77		1482.4							
	085	01056	03.75	34.92	27.77		1483.2							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFID 31 8463	YEAR 1975	80TOP 03457	AIR TEMP 05.5	DIR HGT PER	WIND-DIR 35	INST STO RECDACER	TEN SQ 1306							
CONSEC 0083	MONTH 06	SHIP EV	WET BULB 05.3	35 1 2	WIND-SPD 05	TRACE DIR 0	5 SQUARE 2							
LA- 44 35.4N	DAY 03	DATA USE 1	BAROMETER 1009.8	SEA	WIND-FOR	DURATION 00.4	2 SQUARE 46							
LONG 047 40.8W	HOUR 20.9	AREA 05	CLOUD 7/8	CL/TA	WEATHER X4	ORIG 011 862 10	1 SQUARE 47							
C														
CSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
23.9	STO	00000	08.80	34.49	26.77	00.000	1485.3							
	OBS	00003	08.80	34.49	26.77		1485.4							
	STO	00010	08.80	34.49	26.77	00.013	1485.5							
	OBS	00011	08.80	34.45	26.77		1485.5							
	STO	00020	08.78	34.49	26.78	00.026	1485.6							
	OBS	00020	08.78	34.50	26.78		1485.6							
	STO	00030	09.19	34.66	26.84	00.036	1487.5							
	OBS	00032	09.28	34.70	26.86		1487.9							
	OBS	00041	09.55	34.82	26.91		1489.2							
	OBS	00045	09.88	34.87	26.89		1490.5							
	STO	00050	09.56	34.91	26.91	00.062	1490.9							
	OBS	00055	10.05	34.95	26.92		1491.4							
	OBS	00057	10.80	35.11	26.92		1494.3							
	OBS	00064	11.09	35.22	26.95		1495.6							
	OBS	00066	11.49	35.33	26.96		1497.2							
	OBS	00072	11.53	35.31	26.94		1497.4							
	STO	00075	11.61	35.33	26.94	00.091	1497.8							
	OBS	00081	11.80	35.39	26.95		1498.6							
	STO	03100	12.27	35.52	26.95	00.115	1500.7							
	OBS	00104	12.33	35.53	26.95		1501.0							
	STO	00125	12.24	35.50	26.95	00.148	1501.0							
	OBS	00125	12.24	35.50	26.95		1501.0							
	STO	00150	12.00	35.51	27.00	00.176	1500.6							
	OBS	00150	12.00	35.51	27.00		1500.6							
	OBS	00177	11.83	35.49	27.02		1500.4							
	STO	00200	11.08	35.37	27.07	00.230	1498.0							
	OBS	00201	11.02	35.36	27.07		1497.8							
	OBS	00226	10.07	35.15	27.08		1494.5							
	OBS	00236	09.26	35.06	27.14		1491.6							
	OBS	00237	09.19	35.06	27.15		1491.4							
	OBS	00247	08.31	34.92	27.18		1488.1							
	STO	00250	08.31	34.93	27.15	00.280	1488.1							
	OBS	00255	08.32	34.95	27.21		1488.3							
	OBS	00260	08.75	35.06	27.22		1490.1							
	OBS	00277	08.66	35.07	27.25		1490.1							
	STO	00300	08.73	35.11	27.27	00.325	1490.7							
	OBS	00300	08.73	35.11	27.27		1490.8							
	OBS	00344	08.24	35.04	27.25		1489.5							
	OBS	00346	07.55	34.94	27.31		1487.0							
	OBS	00354	07.47	34.93	27.32		1486.6							
	OBS	00363	07.03	34.89	27.35		1485.0							
	OBS	00371	06.45	34.84	27.38		1482.9							
	OBS	00380	06.58	34.88	27.40		1483.5							
	OBS	00382	06.36	34.88	27.43		1482.7							
	OBS	00390	06.33	34.86	27.42		1482.6							
	OBS	00392	06.02	34.79	27.41		1481.3							
	OBS	00395	05.79	34.76	27.43		1480.5							
	STO	00400	05.76	34.78	27.43	00.404	1480.4							
	OBS	00407	05.21	34.76	27.48		1478.3							
	OBS	00447	04.57	34.79	27.53		1478.0							
	OBS	00451	04.61	34.73	27.53		1476.5							
	OBS	00487	04.50	34.83	27.62		1476.7							
	OBS	00498	05.42	34.96	27.61		1480.9							
	STO	00500	05.44	34.97	27.62	00.467	1481.0							
	OBS	00502	05.47	34.98	27.62		1481.2							
	OBS	00523	05.52	34.95	27.63		1481.7							
	OBS	00533	05.36	34.97	27.63		1481.2							
	OBS	00552	05.50	35.03	27.66		1482.2							
	OBS	00574	05.67	35.07	27.67		1483.3							
	STO	00600	05.42	35.08	27.71	00.518	1482.7							
	OBS	00601	05.41	35.08	27.71		1482.7							
	OBS	00652	05.18	35.02	27.69		1482.5							
	STO	00700	04.92	35.04	27.74	00.565	1482.3							
	OBS	00702	04.51	35.04	27.74		1482.3							
	OBS	00750	04.72	35.01	27.74		1482.3							
	STO	00800	04.55	35.00	27.75	00.610	1482.4							
	OBS	00801	04.55	35.00	27.75		1482.4							
	OBS	00850	04.45	35.00	27.76		1482.8							
	STO	00900	04.34	34.99	27.76	00.654	1483.2							
	OBS	00900	04.34	34.99	27.76		1483.2							
	OBS	00951	04.04	34.94	27.76		1482.7							
	STO	01000	03.56	34.94	27.76	00.698	1483.1							
	OBS	01003	03.55	34.94	27.77		1483.2							
	OBS	01069	03.80	34.92	27.76		1483.6							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA													
REFIC 31 8423	YEAR 1975	BOTOP 02613	AIR TEMP 08.9	DIA HGT PER	WIND-DIR 34	INST STO RECORDER	TEM SO 1304						
CONSEC 0084	MONTH 06	SHIP EV	WET BULB 08.1	08 0 2	WIND-SPO 14	TRACE DIR 0	5 SQUARE 2						
LAT 44 20.14	DAY 03	DATA USE 1	BAROMETR 1008.4	SEA	WIND-FOR	DURATION 00.5	2 SQUARE 46						
LONG 047 41.80	HOUR 23.1	AREA 05	CLOUD T/A	CL/TP	WEATHER X2	ORIG C11 B63	1 SQUARE 47						
CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	DAYG	PD4	TOT P	NO2	NO3	SIO3 ' PH
23.1	STO	00000	06.79	33.86	26.57	00.000	1476.7						
	OBS	00001	06.75	33.86	26.57		1476.8						
	STO	00010	06.79	33.85	26.56	00.015	1476.9						
	OBS	00013	06.79	33.85	26.56		1476.5						
	STO	00020	06.70	33.85	26.58	00.030	1476.7						
	OBS	00020	06.69	33.85	26.58		1476.7						
	OBS	00028	07.19	34.06	26.67		1479.0						
	STO	00030	09.45	34.74	26.66	00.043	1488.7						
	OBS	00030	10.21	34.96	26.90		1491.6						
	OBS	00043	10.81	35.12	26.92		1454.2						
	OBS	00049	10.84	35.16	26.95		1454.4						
	STO	00050	10.89	35.17	26.95	00.066	1494.6						
	OBS	00053	11.16	35.24	26.55		1455.7						
	STO	00075	11.34	35.27	26.94	00.055	1456.8						
	OBS	00076	11.36	35.27	26.94		1456.8						
	STO	00100	11.87	35.45	26.98	00.123	1499.2						
	OBS	00100	11.88	35.45	26.98		1499.3						
	STO	00125	11.95	35.49	27.00	00.151	1500.0						
	OBS	00125	11.95	35.45	27.00		1500.0						
	OBS	00133	11.90	35.48	27.00		1499.9						
	STO	00150	11.31	35.40	27.05	00.178	1458.1						
	OBS	00150	11.30	35.40	27.05		1458.0						
	OBS	00169	10.81	35.24	27.05		1455.7						
	OBS	00175	10.13	35.18	27.09		1454.0						
	OBS	00188	05.82	35.17	27.13		1453.0						
	STC	00200	06.91	35.01	27.16	00.228	1485.6						
	OBS	00201	08.85	35.00	27.16		1485.5						
	OBS	00207	08.83	34.98	27.15		1485.4						
	OBS	00228	08.01	34.87	27.19		1486.5						
	OBS	00236	08.03	34.91	27.22		1486.8						
	STC	00250	08.26	34.96	27.24	00.274	1488.0						
	OBS	00253	08.30	34.99	27.24		1488.2						
	OBS	00258	08.37	35.01	27.25		1488.6						
	OBS	00264	07.56	34.85	27.24		1485.4						
	OBS	00277	07.13	34.80	27.26		1463.5						
	STO	00300	07.48	34.96	27.34	00.316	1485.8						
	OBS	00308	07.60	34.97	27.33		1486.4						
	OBS	00321	07.25	34.94	27.35		1485.4						
	OBS	00344	06.96	34.95	27.41		1484.5						
	OBS	00357	05.93	34.81	27.43		1480.4						
	STO	00400	05.27	34.77	27.48	00.385	1478.4						
	OBS	00401	05.16	34.75	27.48		1477.9						
	OBS	00403	05.02	34.72	27.47		1477.4						
	OBS	00413	04.59	34.66	27.47		1475.7						
	OBS	00453	04.70	34.79	27.56		1477.0						
	STC	00500	04.69	34.82	27.55	00.450	1477.7						
	OBS	00502	04.65	34.82	27.59		1477.8						
	OBS	00510	04.57	34.82	27.60		1477.4						
	OBS	00515	04.81	34.88	27.62		1478.6						
	OBS	00546	04.88	34.91	27.64		1479.4						
	OBS	00553	04.68	34.85	27.65		1478.7						
	OBS	00555	04.72	34.90	27.65		1478.9						
	OBS	00563	05.06	34.95	27.65		1480.5						
	STO	00600	05.27	35.00	27.67	00.504	1482.0						
	OBS	00609	05.27	35.01	27.67		1482.2						
	OBS	00656	04.57	34.95	27.65		1481.7						
	STO	00700	04.44	34.93	27.70	00.553	1480.1						
	OBS	00736	04.38	34.92	27.70		1480.0						
	OBS	00750	04.11	34.90	27.72		1479.6						
	STO	00800	04.07	34.91	27.73	00.600	1480.3						
	OBS	00801	04.07	34.91	27.73		1480.3						
	OBS	00850	04.14	34.94	27.75		1481.4						
	STO	00900	03.98	34.91	27.74	00.645	1481.5						
	OBS	00900	03.98	34.91	27.74		1481.5						
	OBS	00951	03.90	34.91	27.75		1482.1						
	STO	01000	03.36	34.91	27.75	00.650	1482.7						
	OBS	01001	03.86	34.91	27.75		1482.7						
	OBS	01050	03.62	34.91	27.75		1483.4						

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

N O O C S T A T I O N O A T A

F5FID 31 8463 YEAR 1975 BOTOP 03103 AIR TEMP 07.7 DIR MGT PER WIND-DIR 32 INST STO RECORDER TEN SC 1306
 CDNSC 0005 MONTH 06 SHIP EV WET BULB 07.7 35 2 2 WIND-SPD 12 TRACE DIR 5 SQUARE 2
 LAT 44 05.2N DAY 04 DATA USE 1 BARCHMETR 1006.6 SEA WIND-FDR DURATION 00.4 2 SQUARE 46
 LONG 047 41.0W HOUR 01.6 AREA 05 CLCUD T/A CL/TR WEATHER A2 ORIG 011 664 1 SQUARE 47

CASTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYN DPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
01.6	STO	00000	06.38	33.57	26.71	00.000	1475.2							
	OBS	00001	06.38	33.57	26.71		1475.3							
	OBS	00007	06.38	33.56	26.70		1475.4							
	STO	00010	06.38	33.56	26.71	00.013	1475.4							
	OBS	00015	06.38	33.57	26.71		1475.5							
	STO	00020	06.48	34.03	26.74	00.027	1476.0							
	OBS	00024	06.57	34.08	26.77		1476.5							
	OBS	00026	07.44	34.38	26.89		1480.4							
	STO	00030	08.57	34.62	26.91	00.035	1485.1							
	OBS	00036	10.07	34.54	26.91		1491.2							
	STO	00050	10.26	34.98	26.91	00.062	1492.1							
	OBS	00055	10.27	34.98	26.91		1492.2							
	OBS	00070	10.14	34.56	26.92		1492.0							
	OBS	00072	05.75	34.84	26.89		1490.5							
	STO	00075	08.95	34.65	26.90	00.052	1487.3							
	OBS	00076	08.70	34.65	26.91		1486.4							
	OBS	00081	08.14	34.61	26.97		1484.3							
	OBS	00085	08.28	34.64	26.97		1484.9							
	OBS	00085	07.33	34.50	27.00		1481.2							
	OBS	00095	06.70	34.54	27.12		1478.8							
	STO	00100	06.54	34.54	27.14	00.118	1478.3							
	OBS	00100	06.51	34.54	27.14		1478.2							
	STO	00125	06.36	34.58	27.19	00.141	1478.0							
	OBS	00125	06.36	34.58	27.20		1478.0							
	STO	00150	06.35	34.65	27.25	00.163	1478.6							
	OBS	00150	06.39	34.65	27.25		1478.6							
	OBS	00175	06.38	34.65	27.28		1478.1							
	STC	00200	06.32	34.74	27.33	00.204	1479.3							
	OBS	00203	06.31	34.75	27.34		1479.3							
	OBS	00226	06.47	34.82	27.37		1480.4							
	OBS	00241	06.74	34.89	27.35		1481.5							
	OBS	00247	06.42	34.84	27.35		1480.6							
	STC	00250	06.42	34.84	27.35	00.242	1480.7							
	OBS	00253	06.42	34.84	27.39		1480.7							
	OBS	00257	06.36	34.84	27.40		1480.5							
	OBS	00260	06.38	34.84	27.40		1480.7							
	OBS	00270	06.11	34.80	27.40		1479.7							
	OBS	00276	05.55	34.81	27.43		1479.2							
	OBS	00277	05.57	34.87	27.47		1479.4							
	OBS	00281	06.30	34.51	27.46		1480.8							
	OBS	00285	06.52	34.55	27.47		1481.8							
	STO	00300	06.16	34.86	27.45	00.278	1480.5							
	OBS	00300	06.14	34.86	27.45		1480.4							
	OBS	00306	06.04	34.85	27.45		1480.1							
	OBS	00312	05.70	34.84	27.45		1478.8							
	STO	00352	05.78	34.52	27.54		1479.5							
	OBS	00400	05.30	34.91	27.55	00.340	1478.7							
	OBS	00401	05.29	34.51	27.55		1478.7							
	OBS	00453	05.00	34.94	27.65		1478.4							
	STO	00500	05.05	34.58	27.67	00.353	1479.6							
	OBS	00506	05.10	34.98	27.67		1479.7							
	OBS	00555	04.88	34.58	27.65		1475.7							
	STO	00600	04.77	34.98	27.71	00.441	1479.5							
	OBS	00601	04.77	34.98	27.71		1480.0							
	OBS	00652	04.77	35.01	27.73		1480.9							
	STO	00700	04.56	34.99	27.74	00.486	1480.7							
	OBS	00704	04.55	34.55	27.74		1480.8							
	OBS	00753	04.50	34.99	27.75		1481.4							
	STO	00800	04.42	34.55	27.75	00.530	1481.8							
	OBS	00803	04.41	34.95	27.76		1481.8							
	OBS	00852	04.25	34.97	27.75		1482.1							
	STO	00900	04.13	34.55	27.76	00.574	1482.2							
	OBS	00902	04.12	34.95	27.76		1482.2							
	OBS	00955	04.07	34.95	27.76		1482.5							
	STC	01000	03.95	34.54	27.76	00.618	1483.3							
	OBS	01007	03.98	34.54	27.76		1483.4							
	OBS	01046	03.53	34.94	27.77		1483.9							
	OBS	01060	03.53	34.94	27.77		1484.0							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

N C C C S T A T I O N O A T A														
FFIC 31 8-63	YEAR 1975	80TOP 03862	AIR TEMP 07.1	DIR HGT PER	WIND-DIR 23	INST STO RECORDER	TEN SO 1306							
CONSEC 0386	MONTH 06	SHIP EV	WET BULB 06.9	23 0 2	WIND-SPO 16	TRACE CIR 0	5 SQUARE 2							
LAT 43 51.0N	DAY 04	DATA USE 1	BAROMETR 1010.5	SEA	WIND-FOR	DURATION 00.3	2 SQUARE 26							
LONG 047 40.0W	HOOR 03.8	AREA 05	CLCUD T/A	CL/TR	WEATHER #2	ORIG 011 865	1 SQUARE 37							
CASHTM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	P04	TOT P	NO2	NO3	SI03	PH
03.8	STO	C0000	06.51	33.86	26.61	00.000	1475.6							
	OBS	00003	06.51	33.86	26.61		1475.7							
	STO	C0010	06.51	33.86	26.61	00.014	1475.8							
	OBS	00015	06.51	33.86	26.61		1475.9							
	STO	00020	07.85	34.32	26.78	00.028	1481.8							
	OBS	00020	08.02	34.38	26.80		1482.5							
	STO	00030	08.10	34.41	26.82	00.041	1483.0							
	OBS	00030	08.10	34.41	26.82		1483.0							
	OBS	00047	08.23	34.45	26.83		1483.9							
	STO	00050	07.71	34.42	26.88	00.065	1481.9							
	OBS	00051	07.49	34.41	26.91		1481.0							
	OBS	00060	07.76	34.52	26.95		1482.4							
	OBS	00062	07.12	34.41	26.96		1479.8							
	OBS	00066	06.50	34.44	27.01		1479.0							
	OBS	00068	07.20	34.52	27.03		1480.3							
	OBS	00074	06.59	34.46	27.07		1477.9							
	STO	00075	06.53	34.46	27.08	00.092	1477.7							
	OBS	00076	06.47	34.47	27.09		1477.5							
	OBS	00081	06.69	34.57	27.14		1478.6							
	OBS	00095	06.65	34.54	27.13		1478.6							
	OBS	00096	06.09	34.46	27.14		1476.4							
	STO	00100	06.06	34.46	27.14	00.117	1476.3							
	OBS	00102	05.99	34.47	27.16		1476.0							
	STO	00125	06.25	34.57	27.20	00.140	1477.6							
	OBS	00125	06.26	34.57	27.20		1477.6							
	OBS	00129	06.23	34.59	27.22		1477.6							
	STO	00150	06.34	34.64	27.25	00.162	1478.4							
	OBS	00152	06.35	34.65	27.25		1478.5							
	OBS	00175	06.20	34.69	27.30		1478.3							
	OBS	00182	06.11	34.69	27.31		1478.1							
	OBS	00196	06.26	34.73	27.33		1479.0							
	STO	00200	06.02	34.71	27.34	00.202	1478.1							
	OBS	00201	05.44	34.70	27.34		1477.8							
	OBS	00207	05.81	34.70	27.36		1477.3							
	OBS	00215	06.04	34.75	27.37		1478.4							
	OBS	00226	05.88	34.74	27.38		1478.0							
	OBS	00232	05.81	34.74	27.39		1477.8							
	OBS	00234	05.45	34.70	27.41		1476.3							
	STO	00250	05.14	34.68	27.43	00.239	1475.3							
	OBS	00253	05.09	34.68	27.43		1475.1							
	OBS	00268	04.88	34.68	27.46		1474.5							
	OBS	00274	04.68	34.68	27.48		1473.8							
	OBS	00276	04.68	34.68	27.48		1473.8							
	OBS	00285	04.25	34.65	27.50		1472.1							
	OBS	00297	04.36	34.69	27.52		1472.8							
	STO	C0300	04.48	34.70	27.52	00.271	1473.4							
	OBS	00302	04.57	34.71	27.52		1473.8							
	OBS	00316	04.67	34.75	27.54		1474.5							
	OBS	00319	04.29	34.71	27.55		1472.9							
	OBS	00354	04.20	34.74	27.58		1473.2							
	OBS	00365	04.84	34.86	27.62		1476.3							
	OBS	00384	04.72	34.85	27.61		1476.0							
	OBS	00392	04.45	34.82	27.62		1475.0							
	STO	00400	04.40	34.82	27.62	00.326	1474.9							
	OBS	00401	04.39	34.82	27.62		1474.9							
	OBS	00434	04.38	34.84	27.64		1475.4							
	OBS	00439	04.63	34.90	27.66		1476.6							
	OBS	00451	04.57	34.92	27.68		1476.6							
	OBS	00456	04.77	34.95	27.68		1477.5							
	OBS	00475	04.81	34.95	27.68		1478.0							
	OBS	00477	04.97	34.97	27.69		1478.7							
	STO	00500	04.81	34.96	27.69	00.377	1478.4							
	OBS	00500	04.81	34.96	27.69		1478.4							
	OBS	00550	04.70	34.97	27.71		1478.8							
	STO	00600	04.66	34.98	27.72	00.424	1479.5							
	OBS	00601	04.66	34.98	27.72		1479.5							
	OBS	00651	04.39	34.96	27.73		1479.2							
	STO	00700	04.32	34.96	27.74	00.468	1479.7							
	OBS	00702	04.32	34.96	27.74		1479.7							
	OBS	00751	04.25	34.96	27.75		1480.3							
	STO	C0800	04.22	34.96	27.75	00.512	1480.9							
	OBS	00803	04.21	34.96	27.75		1481.0							
	OBS	00850	04.09	34.95	27.76		1481.2							
	STO	00900	04.01	34.94	27.76	00.556	1481.7							
	OBS	00906	04.00	34.94	27.76		1481.8							
	OBS	00951	03.96	34.94	27.76		1482.4							
	STO	01000	03.90	34.93	27.76	00.599	1482.9							
	OBS	01003	03.89	34.93	27.76		1482.9							
	OBS	C1014	03.84	34.92	27.76		1482.9							
	OBS	01050	03.85	34.93	27.77		1483.5							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA															
REFID 31 8423	YEAR 1975	BOTOP 03251	AIR TEMP 07.6	OIR PGT PER	WIND-OIR 32	INST STC RECORDER	TEN SO 1306								
CONSEC 0087	MONTH 06	SHIP EV	WET BULB 07.5	32 C 3	WIND-SPD 18	TRACE OIR 0	5 SQUARE 2								
LA* 43 30.54	DAY 04	DATA USE 1	BAROMETR 1010.5	SEA	WIND-FOR	DURATION 00.3	2 SQUARE 26								
LCNG 047 56.04	MOUR 05.9	AREA 05	CLOUD T/4	CL/TR	WEATHER 42	ORIG 011 866	1 SQUARE 37								
CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	OXYG	PO4	TOT P	M02	M03	S103	PH	
05.5	STO	CCC00	07.63	34.24	26.76	00.000	1480.4								
	OBS	03301	07.60	34.24	26.76		1480.4								
	STO	00010	07.60	34.24	26.76	00.013	1480.6								
	OBS	00011	07.60	34.24	26.76		1480.6								
	STO	00020	07.61	34.24	26.76	00.021	1480.8								
	OBS	00020	07.64	34.25	26.76		1480.9								
	OBS	00026	07.59	34.33	26.77		1482.5								
	STO	00030	07.57	34.35	26.75	00.035	1482.5								
	OBS	00032	07.56	34.34	26.80		1482.5								
	OBS	00034	08.44	34.51	26.84		1484.5								
	STO	00050	06.55	34.56	26.86	00.064	1485.4								
	OBS	00053	06.62	34.63	26.91		1485.7								
	OBS	00057	05.12	34.74	26.92		1487.8								
	OBS	00062	05.16	34.75	26.92		1488.0								
	OBS	00064	08.46	34.63	26.93		1485.3								
	OBS	00066	08.11	34.62	26.98		1483.9								
	STO	00075	07.73	34.58	27.00	00.052	1482.6								
	OBS	00076	07.67	34.57	27.01		1482.3								
	OBS	00078	07.55	34.56	27.02		1481.9								
	OBS	00085	06.54	34.46	27.08		1477.5								
	OBS	00093	06.35	34.45	27.09		1477.3								
	OBS	00095	05.65	34.41	27.15		1476.4								
	STO	00100	05.65	34.42	27.16	00.118	1474.5								
	OBS	00100	05.65	34.42	27.16		1474.6								
	OBS	00119	05.61	34.51	27.24		1474.8								
	OBS	00121	05.44	34.46	27.22		1474.1								
	STO	00125	05.57	34.50	27.23	00.140	1474.7								
	OBS	00125	05.58	34.50	27.23		1474.8								
	OBS	00131	05.56	34.50	27.23		1474.8								
	STO	00150	05.08	34.46	27.26	00.161	1473.1								
	OBS	00150	05.07	34.46	27.26		1473.1								
	OBS	00177	04.70	34.46	27.30		1472.0								
	OBS	00154	04.50	34.50	27.36		1471.5								
	OBS	00158	04.63	34.56	27.35		1472.2								
	STO	00200	04.95	34.62	27.40	00.200	1473.6								
	OBS	00203	05.41	34.70	27.41		1475.6								
	OBS	00222	05.04	34.63	27.40		1474.3								
	OBS	00226	04.97	34.63	27.41		1474.1								
	STO	00250	05.06	34.73	27.47	00.234	1475.1								
	OBS	00257	05.22	34.76	27.48		1475.8								
	OBS	00266	05.47	34.80	27.48		1477.1								
	OBS	00276	05.22	34.76	27.48		1476.1								
	STO	00300	04.84	34.73	27.50	00.266	1474.9								
	OBS	00302	04.81	34.73	27.50		1474.9								
	OBS	00357	04.75	34.60	27.57		1475.6								
	STO	00400	04.58	34.81	27.59	00.325	1475.6								
	OBS	00431	04.57	34.83	27.61		1475.6								
	OBS	00403	04.76	34.86	27.61		1476.5								
	OBS	00451	04.43	34.83	27.63		1475.5								
	STO	00500	04.17	34.86	27.68	00.376	1475.6								
	OBS	00504	04.16	34.86	27.68		1475.7								
	OBS	00552	04.11	34.85	27.71		1476.3								
	STO	00600	04.11	34.50	27.72	00.422	1477.1								
	OBS	00601	04.11	34.50	27.72		1477.1								
	OBS	00654	04.27	34.55	27.74		1478.7								
	STO	00700	04.22	34.95	27.74	00.466	1479.3								
	OBS	00732	04.21	34.55	27.75		1475.3								
	OBS	00750	03.98	34.92	27.75		1479.1								
	STO	00800	03.92	34.92	27.75	00.505	1475.6								
	OBS	00807	03.91	34.92	27.75		1475.7								
	OBS	00854	03.85	34.92	27.76		1480.3								
	STO	00900	03.84	34.92	27.76	00.552	1481.0								
	OBS	00902	03.84	34.92	27.76		1481.0								
	OBS	00951	03.80	34.92	27.76		1481.7								
	STO	01000	03.75	34.91	27.76	00.596	1482.2								
	OBS	01001	03.75	34.91	27.76		1482.3								
	OBS	01033	03.68	34.50	27.76		1482.5								
	OBS	01045	03.68	34.91	27.77		1482.7								

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOD STATION DATA

REFIC 31 8423 YEAR 1975 BOTOP 03457 AIR TEMP 07.5 OIA PGT PER WIND-OIA 31 INST STO RECORDER TEN SO 1306
 CHASEC 0388 MONT 06 SHIP EV WET BULB 07.5 34 2 2 WIND-SPO 12 TRACE OIA 0 5 SQUARE 2
 LA 43 50.2N DAY 04 DATA USE 1 8APCNETR 1005.8 SEA CL/7R WIND-FOR ORATION 00.3 2 SQUARE 28
 LONG 348 12.5W HOUR 07.8 AREA 05 CLCUD 1/4 CL/7R WEATHER X2 ORIG 011 867 1 SQUARE 38

CSTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNC VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
07.8	STO	00000	08.30	34.43	26.80	00.000	1483.3							
	085	00005	08.30	34.43	26.80		1483.4							
	STO	00010	08.30	34.43	26.80	00.013	1483.5							
	085	00015	08.30	34.44	26.81		1483.7							
	STO	00020	08.30	34.44	26.81	00.025	1483.7							
	STO	00030	08.25	34.46	26.82	00.038	1483.8							
	085	00038	08.29	34.47	26.83		1484.0							
	085	00045	08.26	34.48	26.85		1484.0							
	STO	00050	08.35	34.51	26.86	00.062	1484.4							
	085	00053	08.44	34.55	26.87		1484.5							
	085	00059	08.64	34.64	26.91		1485.5							
	085	00068	09.66	34.52	26.97		1480.2							
	085	00072	09.28	34.92	27.03		1486.8							
	085	00074	09.14	34.85	27.03		1488.3							
	STO	00075	08.50	34.79	27.05	00.090	1485.8							
	085	00076	07.70	34.66	27.07		1482.6							
	085	00081	06.44	34.45	27.08		1477.6							
	085	00083	06.45	34.59	27.19		1477.9							
	STO	00100	06.82	34.83	27.18	00.114	1479.5							
	085	00106	07.06	34.67	27.17		1480.6							
	085	00118	07.01	34.68	27.19		1480.6							
	STO	00125	06.83	34.67	27.20	00.137	1480.0							
	085	00133	06.61	34.65	27.22		1479.2							
	085	00140	07.22	34.80	27.25		1482.0							
	STO	00150	07.18	34.81	27.26	00.156	1482.0							
	085	00154	07.16	34.81	27.27		1482.0							
	085	00156	07.28	34.81	27.25		1482.5							
	085	00159	07.12	34.82	27.28		1481.9							
	085	00173	07.51	34.55	27.33		1483.8							
	085	00180	07.51	34.95	27.33		1483.9							
	085	00182	07.24	34.89	27.32		1482.8							
	085	00182	07.02	34.68	27.34		1482.1							
	085	00196	06.60	34.82	27.35		1480.5							
	STO	00200	06.46	34.80	27.36	00.195	1479.5							
	085	00203	06.33	34.79	27.36		1479.5							
	085	00215	06.02	34.82	27.43		1478.5							
	085	00217	06.29	34.86	27.43		1479.4							
	085	00226	06.04	34.80	27.41		1478.7							
	085	00230	05.40	34.71	27.42		1476.1							
	085	00247	04.82	34.68	27.46		1473.5							
	085	00249	04.77	34.67	27.46		1473.7							
	STO	00250	04.71	34.65	27.46	00.234	1473.4							
	085	00272	03.55	34.62	27.51		1470.6							
	085	00276	04.14	34.73	27.58		1471.6							
	085	00285	04.54	34.76	27.56		1473.5							
	085	00295	04.36	34.73	27.55		1472.9							
	STO	00300	04.48	34.80	27.55	00.264	1473.5							
	085	00300	04.50	34.80	27.55		1473.6							
	085	00304	04.56	34.78	27.57		1473.5							
	085	00314	03.77	34.70	27.59		1470.7							
	085	00325	03.86	34.75	27.62		1471.4							
	085	00333	04.04	34.77	27.62		1472.2							
	085	00338	04.51	34.85	27.63		1474.4							
	085	00352	04.45	34.83	27.62		1474.3							
	085	00365	04.27	34.81	27.63		1473.8							
	085	00367	03.64	34.73	27.63		1471.0							
	085	00373	03.57	34.72	27.63		1470.8							
	STO	00400	04.18	34.85	27.67	00.315	1474.0							
	085	00403	04.22	34.86	27.67		1474.2							
	085	00437	04.15	34.86	27.68		1474.5							
	085	00454	04.21	34.85	27.67		1475.0							
	085	00466	04.04	34.83	27.67		1474.5							
	STO	00500	04.05	34.87	27.70	00.361	1475.1							
	085	00500	04.05	34.87	27.70		1475.1							
	085	00550	04.12	34.92	27.73		1476.3							
	STO	00600	03.88	34.87	27.72	00.406	1476.1							
	085	00601	03.88	34.87	27.72		1476.1							
	085	00651	03.68	34.52	27.75		1477.4							
	STO	00700	04.13	34.55	27.75	00.445	1476.5							
	085	00704	04.14	34.95	27.75		1479.0							
	085	00750	03.65	34.52	27.75		1476.9							
	STO	00800	03.89	34.93	27.76	00.452	1479.5							
	085	00801	03.85	34.93	27.76		1479.5							
	085	00850	03.87	34.93	27.77		1480.3							
	STO	00900	03.85	34.93	27.76	00.534	1481.2							
	085	00900	03.89	34.93	27.76		1481.2							
	085	00951	03.71	34.91	27.77		1481.3							
	STO	01000	03.71	34.91	27.77	00.577	1482.1							
	085	01007	03.71	34.61	27.77		1482.2							
	085	01050	03.77	34.63	27.78		1483.2							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

FEFID 31 8463	YEAR 1979	BOTOP 03076	AIR TEMP 04.9	OIR HGT PER	WIND-OIR 33	INST STD RECORDER	TEN SO 1302
CCNSEC 0085	MONTH 06	SHIP EV	WET BULB 04.5	35 2 3	WIND-SPD 13	TRACE OIR 0	5 SQUARE 2
LAT 43 50.04	DAY 04	DATA USE 1	BAROMETR 1012.7	SEA	WIND-FOR	DURATION 00.4	2 SQUARE 28
LONG 148 16.04	MOOR 05.7	AREA 05	CLOUD 7/4	CL/TR	WEATHER X4	ORIG 011 868 15	1 SQUARE 36

CASTNUM/TIME	LVL/TP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTM	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
09.7	STO	00000	04.04	33.24	26.41	00.000	1464.7							
	085	00005	04.04	33.24	26.41		1464.8							
	STO	00010	04.04	33.23	26.40	00.016	1464.8							
	085	00011	04.04	33.23	26.40		1464.8							
	STO	00020	03.92	33.24	26.42	00.033	1464.5							
	085	00020	03.91	33.24	26.42		1464.5							
	STO	00030	03.91	33.25	26.46	00.045	1464.7							
	085	00030	03.91	33.29	26.46		1464.7							
	STO	00050	03.89	33.43	26.57	00.079	1465.1							
	085	00051	03.89	33.43	26.57		1465.1							
	085	00055	03.80	33.43	26.58		1464.8							
	085	00059	03.32	33.47	26.66		1462.9							
	085	00068	03.05	33.46	26.68		1461.9							
	STO	00075	02.75	33.54	26.76	00.114	1461.0							
	085	00083	02.44	33.65	26.88		1455.7							
	085	00085	02.10	33.75	27.02		1458.5							
	085	00087	01.57	33.59	27.19		1458.2							
	085	00097	02.01	34.05	27.23		1458.6							
	STO	00100	02.18	34.11	27.27	00.140	1459.5							
	085	00108	02.59	34.24	27.34		1461.6							
	STO	00125	03.02	34.34	27.38	00.160	1463.8							
	085	00125	03.03	34.34	27.38		1463.9							
	STO	00150	03.19	34.44	27.44	00.177	1465.1							
	085	00152	03.20	34.45	27.45		1465.2							
	085	00175	03.26	34.50	27.48		1465.9							
	085	00188	03.10	34.52	27.51		1465.5							
	STO	00200	03.18	34.59	27.56	00.207	1466.3							
	085	00203	03.20	34.60	27.57		1466.3							
	085	00215	03.22	34.55	27.56		1466.5							
	085	00226	03.44	34.63	27.57		1467.7							
	STO	00250	02.90	34.58	27.58	00.234	1465.7							
	085	00251	02.85	34.58	27.58		1465.7							
	085	00266	02.54	34.62	27.61		1466.2							
	085	00274	03.50	34.75	27.62		1470.6							
	085	00277	03.58	34.78	27.63		1471.1							
	STO	00300	04.02	34.79	27.64	00.260	1471.6							
	085	00300	04.02	34.79	27.64		1471.6							
	085	00352	04.36	34.51	27.70		1474.0							
	STO	00400	04.42	34.54	27.71	00.306	1475.1							
	085	00403	04.42	34.54	27.71		1475.2							
	085	00453	04.38	34.55	27.73		1475.8							
	STO	00500	04.31	34.55	27.73	00.345	1476.3							
	085	00502	04.30	34.95	27.74		1476.3							
	085	00550	04.05	34.52	27.74		1476.0							
	STO	00600	04.04	34.53	27.75	00.351	1476.8							
	085	00601	04.04	34.53	27.75		1476.9							
	085	00651	04.09	34.96	27.77		1477.9							
	STO	00700	04.11	34.55	27.76	00.433	1478.8							
	085	00703	04.11	34.55	27.76		1478.8							
	085	00753	03.55	34.93	27.76		1479.0							
	STO	00800	04.03	34.95	27.76	00.475	1480.1							
	085	00801	04.03	34.95	27.76		1480.2							
	085	00852	03.94	34.54	27.77		1480.6							
	STO	00900	03.91	34.95	27.78	00.517	1481.3							
	085	00904	03.91	34.55	27.78		1481.4							
	085	00957	04.00	34.56	27.78		1482.6							
	STO	01000	04.00	34.96	27.78	00.555	1483.4							
	085	01001	04.00	34.96	27.78		1483.4							
	085	01052	03.58	34.96	27.78		1484.2							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

NODC STATION DATA

#2FIC 31 2463	VE44 1575	80TOP 02937	AIR TEMP 05.0	DIA HGT PER	WIND-DIR 33	INST STO RECORDER	TEM SC 1306
CONSEC 0250	MONTH 06	SHIP EV	NET BULB 05.0	33 0 2	WIND-SPC 10	TRACE CIA 0	5 SQUARE 2
LAT 43 45.0N	DAY 04	DATA USE 1	BAROMETR 1012.9	SEA	WIND-FDR	DURATION 00.4	2 SQUARE 28
LONG 048 38.3W	MOON 11.4	AREA 05	CLOUD T/A	CL/TR	WEATHER A4	ORIG 011 869	1 SQUARE 38

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	XYNDPTH	SNO VEL	OXYG	PO4	TOT P	AC2	NO3	SIO3	PH
11.4	STO	C0000	05.02	33.50	26.51	00.000	1469.1							
	OBS	00001	05.02	33.50	26.51		1465.1							
	STO	00010	05.02	33.50	26.51	00.015	1469.3							
	STO	00020	05.02	33.50	26.51	00.031	1465.4							
	OBS	00020	05.02	33.50	26.51		1469.4							
	STO	C0030	05.02	33.51	26.51	00.046	1469.6							
	OBS	00030	05.02	33.51	26.52		1469.6							
	STO	C0050	05.19	33.66	26.62	00.076	1470.8							
	OBS	00051	05.22	33.68	26.63		1471.0							
	OBS	00062	05.59	33.86	26.72		1472.9							
	OBS	C0072	06.55	33.80	26.80		1468.7							
	STO	00073	01.65	33.60	26.90	00.108	1456.0							
	OBS	00076	00.57	33.57	26.92		1453.0							
	OBS	00075	00.85	33.72	27.05		1452.5							
	OBS	00085	01.13	33.85	27.13		1454.2							
	OBS	00053	01.29	33.95	27.20		1455.2							
	OBS	00055	01.85	34.08	27.27		1457.5							
	STO	C0100	02.39	34.14	27.27	00.133	1460.4							
	OBS	00100	02.46	34.15	27.28		1460.8							
	OBS	00118	02.33	34.23	27.35		1460.6							
	OBS	00121	02.23	34.22	27.35		1460.2							
	STO	00125	02.41	34.29	27.35	00.152	1461.1							
	OBS	00127	02.53	34.33	27.41		1461.8							
	OBS	00131	02.47	34.37	27.43		1462.5							
	OBS	00137	03.12	34.40	27.42		1464.6							
	STO	00150	03.29	34.44	27.43	00.165	1465.6							
	OBS	00150	03.30	34.44	27.43		1465.6							
	OBS	00154	03.28	34.47	27.46		1465.6							
	OBS	00161	02.25	34.36	27.46		1461.1							
	OBS	00177	02.67	34.50	27.52		1464.3							
	OBS	00182	02.57	34.51	27.52		1464.6							
	OBS	00154	03.25	34.57	27.54		1466.5							
	STO	00200	03.61	34.62	27.55	00.200	1468.0							
	OBS	00205	03.42	34.64	27.56		1468.2							
	OBS	00209	03.46	34.63	27.57		1467.5							
	OBS	00226	03.62	34.65	27.60		1468.6							
	OBS	00241	03.64	34.72	27.62		1468.5							
	STO	00250	03.44	34.68	27.61	00.227	1468.2							
	OBS	00255	03.37	34.67	27.61		1467.5							
	OBS	00268	03.35	34.73	27.64		1468.1							
	OBS	00277	03.05	34.68	27.65		1467.0							
	STO	00300	03.22	34.71	27.65	00.251	1468.1							
	OBS	00300	03.23	34.71	27.65		1468.2							
	OBS	00306	03.35	34.73	27.66		1468.8							
	OBS	00312	03.14	34.72	27.67		1468.0							
	OBS	00325	03.19	34.71	27.66		1468.5							
	OBS	00344	03.28	34.80	27.68		1470.5							
	OBS	00348	04.05	34.87	27.70		1472.6							
	OBS	00352	04.04	34.86	27.65		1472.6							
	OBS	00373	04.11	34.88	27.70		1473.3							
	STO	00400	04.42	34.94	27.72	00.296	1475.1							
	OBS	00403	04.45	34.95	27.72		1475.3							
	OBS	00451	04.41	34.94	27.72		1475.9							
	STO	00500	04.47	34.97	27.73	00.335	1477.0							
	OBS	00500	04.47	34.97	27.73		1477.0							
	OBS	00557	04.53	34.95	27.74		1478.3							
	STO	00600	04.37	34.98	27.75	00.381	1478.3							
	OBS	00603	04.36	34.98	27.75		1478.3							
	OBS	00651	04.40	35.00	27.76		1479.3							
	STO	00700	04.45	35.00	27.76	00.423	1480.3							
	OBS	00700	04.45	35.00	27.76		1480.3							
	OBS	00750	04.36	34.99	27.76		1480.7							
	STO	00800	04.28	34.99	27.77	00.466	1481.2							
	OBS	00801	04.28	34.95	27.77		1481.3							
	OBS	00852	04.23	34.99	27.78		1481.9							
	STO	00900	04.18	34.98	27.77	00.508	1482.5							
	OBS	00902	04.18	34.98	27.77		1482.5							
	OBS	00957	04.12	34.98	27.78		1483.2							
	STO	01000	04.12	34.97	27.77	00.551	1483.5							
	OBS	01007	04.11	34.97	27.77		1483.9							
	OBS	01062	04.02	34.97	27.78		1484.5							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFID 31 8465	YEAR 1975	BOATOP 00312	AIR TEMP 04.2	DIR MGT PER	WIND-DIA 31	INST STO RECORDEA	TEN SO 1306
COMSEC 0091	MONTH 06	SHIP EV	WET BULB 05.0	05 2 3	WIND-SPO 11	TRACE CIR 0	5 SQUARE 2
LAT 43 50.3N	DAY 04	DATA USE 1	BAROMETR 1011.2	SEA	WIND-FOR	DURATION 00.1	2 SQUARE 28
LONG 048 50.4W	HOOR 13.3	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG 011 870 05	1 SQUARE 38

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYMPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
13.3	STD	00000	01.97	33.30	26.64	00.000	1455.8							
	OBS	00000	01.97	33.30	26.64		1455.8							
	STD	00010	01.81	33.25	26.64	00.014	1455.2							
	OBS	00011	01.79	33.29	26.64		1455.2							
	STD	00020	01.72	33.30	26.65	00.028	1455.0							
	OBS	00022	01.71	33.34	26.69		1455.1							
	STD	00030	01.73	33.58	26.88	00.041	1455.6							
	OBS	00032	01.74	33.63	26.92		1455.8							
	OBS	00043	01.65	33.68	26.96		1455.6							
	OBS	00045	01.21	33.66	26.58		1453.7							
	STD	00050	01.17	33.67	26.99	00.064	1453.6							
	OBS	00057	00.81	33.68	27.02		1452.1							
	OBS	00059	00.65	33.72	27.06		1451.5							
	OBS	00062	00.63	33.71	27.05		1451.4							
	STD	00075	00.79	33.88	27.18	00.088	1452.6							
	OBS	00076	00.80	33.89	27.19		1452.6							
	STD	00100	01.02	33.97	27.24	00.110	1454.2							
	OBS	00102	01.04	33.96	27.25		1454.3							
	STD	00125	01.06	34.00	27.26	00.131	1454.8							
	OBS	00131	01.12	34.04	27.29		1455.2							
	STD	00150	01.48	34.24	27.42	00.150	1457.4							
	OBS	00152	01.51	34.25	27.43		1457.6							
	OBS	00175	01.69	34.29	27.45		1458.8							
	STD	00200	02.03	34.41	27.52	00.181	1460.9							
	OBS	00201	02.05	34.42	27.53		1461.0							
	OBS	00226	02.20	34.49	27.57		1462.2							
	STD	00250	02.22	34.49	27.57	00.209	1462.7							
	OBS	00257	02.23	34.51	27.58		1462.8							
	OBS	00274	02.37	34.59	27.64		1463.8							

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REFID 31 8463	YEAR 1975	BOATOP 00221	AIR TEMP 05.9	DIR MGT PER	WIND-DIA 32	INST STO RECORDEA	TEN SO 1306
COMSEC 0082	MONTH 06	SHIP EV	WET BULB 05.5	32 2 2	WIND-SPO 10	TRACE CIR 0	5 SQUARE 2
LAT 43 45.8N	DAY 04	DATA USE 1	BAROMETR 1013.7	SEA	WIND-FOR	DURATION 00.2	2 SQUARE 28
LONG 049 05.5W	HOOR 14.7	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG 011 871	1 SQUARE 36

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYMPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
14.7	STD	00000	01.56	32.94	26.38	00.000	1453.5							
	OBS	00000	01.56	32.94	26.38		1453.5							
	STD	00010	01.41	32.91	26.36	00.017	1452.5							
	OBS	00011	01.40	32.91	26.36		1452.9							
	OBS	00019	01.42	32.92	26.37		1453.2							
	STD	00020	01.35	32.92	26.38	00.033	1452.9							
	OBS	00022	01.21	32.92	26.38		1452.5							
	STD	00030	01.23	32.95	26.41	00.050	1452.5							
	OBS	00032	01.23	32.96	26.42		1452.6							
	STD	00050	01.18	33.02	26.47	00.082	1452.7							
	OBS	00051	01.12	33.02	26.47		1452.5							
	OBS	00055	00.90	33.02	26.48		1451.5							
	OBS	00057	00.24	33.09	26.58		1448.7							
	OBS	00059	- 0.23	33.11	26.61		1446.6							
	OBS	00062	- 0.41	33.23	26.72		1446.0							
	OBS	00072	00.26	33.27	26.72		1449.3							
	OBS	00074	00.10	33.35	26.79		1448.7							
	STD	00075	00.15	33.38	26.81	00.117	1448.5							
	OBS	00076	00.24	33.41	26.83		1449.4							
	OBS	00079	00.85	33.48	26.86		1452.4							
	OBS	00085	01.00	33.47	26.84		1453.1							
	OBS	00097	00.90	33.47	26.84		1452.5							
	STD	00100	00.31	33.47	26.88	00.147	1450.2							
	OBS	00106	- 0.40	33.51	26.94		1447.1							
	OBS	00116	00.15	33.66	27.04		1450.0							
	OBS	00115	00.21	33.76	27.12		1450.5							
	STD	00125	00.37	33.76	27.11	00.174	1451.3							
	OBS	00127	00.44	33.76	27.10		1451.7							
	STD	00150	00.66	33.91	27.21	00.197	1453.3							
	OBS	00150	00.67	33.91	27.21		1453.3							
	OBS	00175	01.07	34.10	27.34		1455.8							
	STD	00200	01.30	34.18	27.38	00.236	1457.3							
	OBS	00201	01.30	34.18	27.39		1457.4							
	OBS	00205	01.30	34.19	27.40		1457.4							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

NODC STATICA DATA

REFID 31 8463	YEAR 1975	BOTCP 00713	AIR TEMP 08.5	DIA HGT PER	WIND-DIR 32	INST STO RECORDER	TEN SC 1306
CONSEC 0083	MONTH 04	SHIP EV	WET BULB 06.1	05 1 4	WIND-SPD 10	TRACE CIR 0	5 SQUARE 2
LA 43 50.0N	DAY 04	DATA USE 1	BAROMETR 1011.2	SIA	WIND-FOR	DURATION 00.3	2 SQUARE 28
LONG 045 13.3W	MOOR 15.7	AREA 05	CLCUD T/A	CL/TR	WEATHER R4	DRIG 011 BT2 14	1 SQUARE 39

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SNO VEL	DRYG	PD4	TOT P	AC2	AC3	S103	PH
13.7	STO	00000	02.26	32.88	26.28	00.000	1456.5							
	DBS	00007	02.26	32.88	26.28		1456.6							
	STO	00010	02.16	32.85	26.26	00.014	1456.3							
	DBS	00017	01.94	32.84	26.27		1455.3							
	STO	00020	01.82	32.87	26.30	00.035	1454.5							
	DBS	00020	01.79	32.88	26.31		1454.6							
	STO	00030	01.74	32.89	26.32	00.052	1454.7							
	DBS	00032	01.52	32.90	26.35		1453.8							
	DBS	00034	01.28	32.91	26.37		1452.8							
	STO	00050	00.72	33.00	26.48	00.083	1450.6							
	DBS	00051	00.66	33.01	26.49		1450.4							
	DBS	00059	00.31	33.06	26.55		1449.0							
	STO	00075	- 0.27	33.18	26.68	00.122	1446.8							
	DBS	00075	- 0.36	33.20	26.65		1446.4							
	DBS	00051	- 0.42	33.20	26.70		1446.4							
	STO	00100	- 0.25	33.35	26.81	00.154	1447.5							
	DBS	00100	- 0.24	33.36	26.82		1447.6							
	DBS	00116	- 0.08	33.54	26.95		1448.6							
	DBS	00123	00.30	33.64	27.02		1450.8							
	STO	00125	00.27	33.64	27.02	00.163	1450.7							
	DBS	00125	00.26	33.64	27.02		1450.7							
	STO	00150	00.19	33.72	27.06	00.205	1450.5							
	DBS	00154	00.18	33.73	27.09		1450.5							
	DBS	00160	00.42	33.82	27.15		1452.6							
	STO	00200	00.89	34.02	27.28	00.253	1455.3							
	DBS	00203	00.55	34.04	27.30		1455.6							
	DBS	00226	01.13	34.05	27.33		1456.5							
	STO	00250	01.29	34.16	27.37	00.291	1456.1							
	DBS	00251	01.30	34.16	27.37		1456.1							
	DBS	00263	01.47	34.23	27.42		1459.5							
	STO	00300	01.54	34.26	27.44	00.326	1460.2							
	DBS	00302	01.56	34.27	27.44		1460.3							
	DBS	00350	02.30	34.48	27.55		1464.6							
	STO	00400	02.50	34.56	27.60	00.385	1466.4							
	DBS	00401	02.51	34.56	27.60		1466.4							
	DBS	00454	02.82	34.65	27.64		1468.5							
	STO	00500	03.09	34.71	27.67	00.435	1470.6							
	DBS	00502	03.10	34.71	27.67		1470.5							
	DBS	00552	03.21	34.74	27.68		1472.3							
	STO	00600	03.27	34.76	27.69	00.482	1473.3							
	DBS	00605	03.26	34.76	27.65		1473.5							
	DBS	00651	03.35	34.76	27.70		1474.6							
	STO	00700	03.35	34.77	27.69	00.528	1475.4							
	DBS	00702	03.35	34.77	27.65		1475.4							

REFID 31 8463	YEAR 1975	BOTCP 00105	AIR TEMP 05.7	DIA HGT PER	WIND-DIR 34	INST STO RECORDER	TEN SC 1306
CONSEC 0054	MONTH 06	SHIP EV	WET BULB 08.5	31 1 4	WIND-SPD 10	TRACE CIR 0	5 SQUARE 2
LA 44 05.0N	DAY 04	DATA USE 1	BAROMETR 1011.2	SEA	WIND-FOR	DURATION 00.0	2 SQUARE 46
LONG 049 17.7W	MOOR 18.1	AREA 05	CLOUD T/A	CL/TR	WEATHER X2	DRIG 011 BT3 12	1 SQUARE 45

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SNO VEL	DRYG	PD4	TOT P	AC2	AC3	S103	PH
18.1	STO	00000	02.44	32.86	26.25	00.000	1457.3							
	DBS	00001	02.44	32.86	26.25		1457.3							
	STO	00010	02.40	32.86	26.25	00.018	1457.3							
	DBS	00013	02.26	32.87	26.27		1456.7							
	STO	00020	01.70	32.90	26.33	00.035	1454.4							
	DBS	00020	01.65	32.90	26.34		1454.2							
	STO	00030	01.54	32.96	26.39	00.052	1453.5							
	DBS	00032	01.51	32.97	26.40		1453.8							
	DBS	00034	01.12	33.07	26.51		1452.3							
	DBS	00043	00.79	33.14	26.59		1451.1							
	DBS	00045	00.38	33.18	26.64		1445.3							
	STO	00050	00.24	33.20	26.66	00.062	1446.7							
	DBS	00051	- 0.07	33.23	26.70		1447.4							
	DBS	00055	- 0.45	33.24	26.73		1445.7							
	STO	00075	- 0.49	33.29	26.77	00.116	1445.5							
	DBS	00076	- 0.51	33.30	26.76		1445.8							
	DBS	00075	- 0.59	33.32	26.80		1445.6							
	DBS	00093	- 0.57	33.36	26.83		1445.9							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MODE STATION DATA

REFID 31 8463	YEAR 1975	BDTOP 00140	AIR TEMP 04.9	DIR HGT PER	WIND-DIR 35	INST STO RECORDER	TEM SQ 1306
CONSEC 0055	MONTH 06	SHIP EV	WET BULB 04.5	35 1 2	WIND-SPD 05	TRACE DIR 0	5 SQUARE 2
LAT 44 05.0N	DAY 04	DATA USE 1	BARCHETA 1011.0	SEA	WIND-FDR	DURATION 00.1	2 SQUARE 48
LONG 045 17.7W	MOUR 18.9	AREA 05	CLOUD 7/4	CL/7R	WEATHER X4	DRIG 011 874	1 SQUARE 49

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPT	SNO VEL	DRYG	PO4	TOT P	NO2	NO3	SIO3	PH
18.5	STD	00000	01.36	32.81	26.29	00.000	1452.5							
	OBS	00001	01.38	32.81	26.29		1452.5							
	OBS	00003	01.35	32.80	26.28		1452.4							
	OBS	00007	00.21	33.00	26.51		1447.6							
	STG	00010	00.12	33.04	26.54	00.016	1447.3							
	OBS	00013	00.04	33.07	26.57		1447.0							
	OBS	00019	00.04	33.05	26.55		1447.1							
	STO	00020	00.01	33.06	26.56	00.031	1447.0							
	OBS	00026	- 0.19	33.09	26.60		1446.2							
	OBS	00028	- 0.41	33.12	26.63		1445.3							
	STO	00030	- 0.43	33.14	26.64	00.046	1445.2							
	OBS	00030	- 0.44	33.14	26.65		1445.2							
	OBS	00038	- 0.50	33.14	26.65		1445.0							
	OBS	00045	- 0.89	33.15	26.67		1443.4							
	OBS	00047	- 1.02	33.25	26.76		1442.9							
	STO	00050	- 0.58	33.28	26.77	00.073	1445.1							
	OBS	00057	- 0.08	33.34	26.79		1447.6							
	OBS	00064	- 0.89	33.35	26.83		1443.6							
	OBS	00072	- 1.07	33.39	26.87		1443.3							
	STO	00075	- 1.00	33.47	26.94	00.103	1443.8							
	OBS	00076	- 0.87	33.48	26.94		1446.4							
	OBS	00078	- 0.50	33.45	26.90		1446.1							
	STO	00100	- 0.31	33.53	26.95	00.130	1447.5							
	OBS	00100	- 0.30	33.53	26.96		1447.5							
	STO	00125	- 0.23	33.53	26.95	00.158	1448.3							
	OBS	00125	- 0.23	33.53	26.95		1448.3							
	OBS	00135	- 0.23	33.52	26.94		1448.4							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOCC STATION DATA

REFID 31 8423	YEAR 1975	BOTOP 01365	AIR TEMP 04.7	DIP MGT PER 31 2 2	WIND-OIA 31	INST STO RECORDER	TEN SQ 1306
CDNSEC 0056	MOGMT 06	SHIP EV	WET BULB 04.1		WIND-SPD 07	TRACE OIA 0	5 SQUARE 2
LAT 44 06.04	DAY 04	DATA USE 1	BAROMETER 1012.5	SEA	WIND-FOR	DURATION 00.4	2 SQUARE 48
LONG 048 51.50	MOJR 20.0	AREA 05	CLOUD T/A	CL/T/A	WEATHER A4	ORIG 011 875 10	1 SQUARE 48

CASSTNUN/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPT	SNC VEL	CLYG	PO4	TOT P	NO2	NO3	SI03	PH
20.0	STO	00000	01.74	33.06	26.46	00.000	1454.5							
	OB5	00007	01.74	33.06	26.46		1454.6							
	STO	00010	01.72	33.05	26.46	00.016	1454.5							
	OB5	00011	01.71	33.05	26.45		1454.5							
	OB5	00015	01.65	33.06	26.46		1454.5							
	STO	00020	01.37	33.05	26.46	00.032	1453.1							
	OB5	00020	01.31	33.05	26.48		1452.9							
	OB5	00026	00.95	33.01	26.47		1451.3							
	OB5	00028	00.93	33.03	26.52		1448.5							
	STO	00030	00.30	33.04	26.54	00.047	1448.5							
	OB5	00032	00.24	33.05	26.54		1448.2							
	OB5	00034	00.17	33.04	26.54		1447.9							
	OB5	00041	- 0.42	33.07	26.59		1445.4							
	OB5	00045	- 0.46	33.07	26.55		1445.2							
	OB5	00049	- 1.34	33.03	26.59		1441.1							
	STO	00050	- 1.37	33.06	26.61	00.076	1441.1							
	OB5	00051	- 1.44	33.13	26.67		1440.8							
	STO	00075	- 1.33	33.29	26.80	00.110	1442.0							
	OB5	00076	- 1.32	33.30	26.81		1442.1							
	OB5	00097	- 0.96	33.39	26.87		1444.2							
	STO	00100	- 0.86	33.43	26.50	00.140	1444.8							
	OB5	00102	- 0.76	33.47	26.53		1445.4							
	STO	00125	00.31	33.81	27.15	00.166	1451.1							
	OB5	00125	00.33	33.82	27.16		1451.2							
	OB5	00135	00.63	33.52	27.22		1452.9							
	OB5	00139	00.82	33.98	27.26		1453.5							
	STO	00150	00.90	34.01	27.28	00.187	1454.5							
	OB5	00150	00.60	34.01	27.28		1454.5							
	OB5	00175	01.19	34.13	27.36		1456.4							
	STO	00200	01.37	34.22	27.42	00.224	1457.7							
	OB5	00203	01.38	34.23	27.42		1457.8							
	OB5	00226	01.40	34.24	27.43		1458.3							
	STO	00250	01.47	34.26	27.44	00.258	1459.0							
	OB5	00251	01.47	34.26	27.44		1459.0							
	OB5	00276	01.51	34.28	27.45		1459.7							
	OB5	00277	01.53	34.28	27.45		1459.8							
	OB5	00261	01.73	34.35	27.49		1461.0							
	STO	00300	01.78	34.36	27.50	00.285	1461.3							
	OB5	00302	01.80	34.37	27.50		1461.5							
	OB5	00338	02.62	34.65	27.66		1466.1							
	OB5	00354	02.72	34.68	27.66		1466.8							
	STO	00400	02.91	34.72	27.69	00.342	1468.4							
	OB5	00401	02.92	34.72	27.69		1468.5							
	OB5	00453	03.30	34.80	27.72		1471.1							
	STO	00500	03.42	34.84	27.74	00.384	1472.4							
	OB5	00500	03.42	34.84	27.74		1472.4							
	OB5	00550	03.44	34.85	27.75		1473.4							
	STO	00600	03.46	34.86	27.75	00.425	1474.3							
	OB5	00603	03.46	34.86	27.75		1474.3							
	OB5	00651	03.48	34.87	27.76		1475.2							
	STO	00700	03.48	34.86	27.75	00.466	1476.0							
	OB5	00702	03.48	34.86	27.75		1476.1							
	OB5	00751	03.46	34.87	27.76		1476.8							
	STO	00800	03.47	34.87	27.76	00.508	1477.7							
	OB5	00801	03.47	34.87	27.76		1477.7							
	OB5	00850	03.46	34.87	27.76		1478.5							
	STO	00900	03.44	34.87	27.76	00.549	1479.2							
	OB5	00902	03.44	34.87	27.76		1479.2							
	OB5	00953	03.45	34.87	27.76		1480.1							
	STO	01000	03.45	34.86	27.75	00.592	1480.9							
	OB5	01003	03.45	34.86	27.75		1481.0							
	OB5	01060	03.46	34.86	27.75		1482.0							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFID 31	0463	YEAR 1975	BOAT 02430	ATA TEMP 05.2	OIA HGT PER 36 2 4	WIND-DIR 34	INST STO RECORDER	TEN SQ 1306
CONSEC 0057		MONTH 06	S-IP EY	WET BULB 04.9		WIND-SPO 10	TRACE DIA 0	5 SQUARE 2
LA 44	04.5M	DAY 04	DATA USE 1	BAROMETR 1019.0	SEA	WIND-FOA	DURATION 00.4	2 SQUARE 46
LONG 048	37.7M	MOOR 22.1	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	DATE 011 876	1 SQUARE 48

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OTNOPTH	SNO VEL	DRYG	PO4	TOT P	NO2	NO3	SI03	PH
22.1	STO	00000	04.47	33.34	26.44	00.000	1466.6							
	005	00003	04.47	33.34	26.44		1466.7							
	STO	00010	04.47	33.34	26.44	00.016	1466.7							
	005	00011	04.45	33.34	26.44		1466.7							
	005	00015	04.38	33.34	26.45		1466.5							
	STO	00020	03.86	33.35	26.51	00.032	1466.4							
	005	00022	03.53	33.35	26.54		1463.0							
	005	00026	03.06	33.30	26.55		1461.0							
	STO	00030	02.87	33.33	26.55	00.047	1460.3							
	005	00034	02.48	33.36	26.64		1458.7							
	005	00036	02.26	33.37	26.67		1457.8							
	005	00040	02.41	33.43	26.71		1458.6							
	STO	00050	02.13	33.46	26.75	00.074	1457.6							
	005	00051	02.07	33.47	26.76		1457.3							
	005	00066	00.99	33.62	26.56		1453.0							
	STO	00075	01.25	33.68	26.58	00.104	1454.5							
	005	00076	01.33	33.69	26.59		1454.7							
	005	00078	00.65	33.72	27.06		1451.8							
	STO	00100	01.18	33.91	27.18	00.125	1454.8							
	005	00100	01.19	33.92	27.19		1454.8							
	005	00121	01.38	34.06	27.29		1456.2							
	STO	00125	01.67	34.15	27.34	00.145	1457.2							
	005	00125	01.60	34.16	27.35		1457.4							
	005	00137	02.15	34.20	27.34		1460.1							
	STO	00150	01.58	34.26	27.40	00.167	1455.6							
	005	00150	01.58	34.26	27.40		1455.6							
	005	00163	02.12	34.29	27.42		1460.5							
	005	00167	02.35	34.35	27.44		1461.7							
	005	00186	02.01	34.33	27.46		1460.5							
	STO	00200	01.92	34.37	27.50	00.200	1460.3							
	005	00201	01.62	34.38	27.50		1460.4							
	005	00226	02.19	34.49	27.57		1462.1							
	STO	00250	02.28	34.54	27.60	00.228	1463.0							
	005	00251	02.28	34.54	27.60		1463.0							
	005	00281	02.30	34.57	27.62		1463.6							
	STO	00300	02.33	34.58	27.63	00.252	1464.1							
	005	00304	02.35	34.55	27.64		1464.3							
	005	00350	02.80	34.69	27.68		1467.1							
	STO	00400	03.33	34.78	27.70	00.298	1470.3							
	005	00401	03.34	34.78	27.70		1470.4							
	005	00453	03.61	34.84	27.72		1472.5							
	STO	00500	03.64	34.85	27.73	00.341	1473.4							
	005	00502	03.64	34.85	27.73		1473.4							
	005	00550	03.58	34.85	27.73		1474.0							
	STO	00600	03.75	34.85	27.75	00.363	1475.5							
	005	00601	03.75	34.89	27.75		1475.6							
	005	00651	03.77	34.90	27.75		1476.5							
	STO	00700	03.71	34.89	27.75	00.425	1477.1							
	005	00702	03.71	34.89	27.75		1477.1							
	005	00753	03.68	34.89	27.75		1477.8							
	STO	00800	03.59	34.88	27.75	00.467	1478.2							
	005	00801	03.59	34.88	27.75		1478.2							
	005	00852	03.52	34.88	27.76		1478.8							
	STO	00900	03.52	34.88	27.76	00.505	1475.6							
	005	00904	03.52	34.88	27.76		1475.6							
	005	00955	03.53	34.88	27.76		1480.5							
	STO	01000	03.53	34.88	27.76	00.552	1481.3							
	005	01001	03.53	34.88	27.76		1481.3							
	005	01054	03.52	34.88	27.76		1482.1							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

PEPIC 31 8463	YEAR 1975	BOATOP 03235	A1A TEMP 05.3	OIR MGT PER	WIND-DIR 33	INST STC RECORDB	TEMP SC 1300
CONSEC 0358	MONTH 06	SHIP EV	WET BULB 05.3	33 1 2	WIND-SPD 10	TRACE OIR	5 SQUARE 2
LAT 44 06.1N	DAY 05	DATA USE 1	BAACMETR 1012.2	SEA	WIND-FDR	DURATION	2 SQUARE 40
LONG 048 23.0W	MOOR 00.3	AREA 05	CLCUD 7/4	CL/7R	WEATHER X4	ORIG 011 877	1 SQUARE 40

CASTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	ONDPTH	SNO VEL	OXYG	PO4	TCT P	MC2	MC3	SS03	PM
03.3	STO	00000	08.23	34.32	26.73	00.000	1482.9							
	OBS	00005	08.23	34.32	26.73		1483.0							
	OBS	00009	08.24	34.33	26.73		1483.1							
	STO	00010	08.29	34.36	26.74	00.013	1483.4							
	OBS	00011	08.42	34.42	26.78		1484.0							
	STO	00020	08.41	34.47	26.82	00.026	1484.1							
	OBS	00022	08.39	34.48	26.83		1484.1							
	STO	00030	08.31	34.49	26.85	00.038	1483.9							
	OBS	00032	08.28	34.50	26.86		1483.9							
	OBS	00049	09.01	34.69	26.89		1487.2							
	STO	00050	09.02	34.70	26.90	00.062	1487.2							
	OBS	00055	09.05	34.75	26.93		1487.6							
	OBS	00059	09.06	34.77	26.95		1487.6							
	OBS	00070	07.67	34.61	27.04		1482.3							
	OBS	00072	08.67	34.60	27.11		1486.5							
	STO	00075	08.60	34.89	27.11	00.089	1486.3							
	OBS	00081	07.80	34.75	27.13		1483.2							
	OBS	00085	06.57	34.61	27.14		1479.8							
	OBS	00087	06.95	34.63	27.16		1475.8							
	OBS	00095	06.22	34.51	27.16		1476.9							
	STO	00100	06.21	34.51	27.16	00.113	1476.9							
	OBS	00102	06.20	34.52	27.17		1476.5							
	STO	00125	06.07	34.56	27.22	00.135	1476.8							
	OBS	00127	06.06	34.57	27.23		1476.8							
	OBS	00144	06.35	34.66	27.26		1478.4							
	STO	00150	06.22	34.65	27.27	00.157	1478.0							
	OBS	00150	06.21	34.65	27.27		1477.5							
	OBS	00177	05.90	34.68	27.32		1477.1							
	OBS	00184	06.35	34.79	27.36		1475.2							
	OBS	00186	06.45	34.79	27.35		1479.7							
	STO	00200	06.11	34.67	27.30	00.198	1478.4							
	OBS	00203	05.86	34.67	27.33		1477.4							
	OBS	00207	05.54	34.68	27.38		1476.2							
	OBS	00211	05.31	34.63	27.37		1475.3							
	OBS	00215	05.00	34.63	27.40		1474.1							
	OBS	00226	04.54	34.59	27.42		1472.3							
	OBS	00245	04.45	34.65	27.48		1472.4							
	STO	00250	04.52	34.66	27.49	00.234	1472.7							
	OBS	00262	05.45	34.86	27.53		1477.2							
	OBS	00274	05.46	34.84	27.51		1477.2							
	OBS	00277	04.96	34.78	27.53		1475.1							
	OBS	00279	04.93	34.75	27.54		1475.0							
	STO	00300	05.38	34.89	27.56	00.264	1477.4							
	OBS	00300	05.40	34.89	27.56		1477.5							
	OBS	00317	04.86	34.84	27.59		1475.5							
	OBS	00354	04.59	34.87	27.64		1475.0							
	OBS	00357	04.86	34.89	27.63		1476.2							
	STO	00400	04.81	34.92	27.65	00.317	1476.7							
	OBS	00401	04.81	34.92	27.66		1476.7							
	OBS	00451	04.76	34.95	27.68		1477.4							
	STO	00500	04.82	34.99	27.71	00.365	1478.5							
	OBS	00500	04.82	34.95	27.71		1478.5							
	OBS	00550	04.63	34.99	27.73		1478.5							
	STO	00600	04.68	35.02	27.75	00.405	1479.6							
	OBS	00601	04.68	35.02	27.75		1479.6							
	OBS	00652	04.58	35.01	27.75		1480.1							
	STO	00700	04.47	34.99	27.75	00.452	1480.4							
	OBS	00700	04.47	34.99	27.75		1480.4							
	OBS	00751	04.36	34.98	27.75		1480.8							
	STO	00800	04.36	35.00	27.77	00.494	1481.6							
	OBS	00803	04.36	35.00	27.77		1481.6							
	OBS	00858	04.29	34.99	27.77		1482.3							
	STO	00900	04.20	34.98	27.77	00.537	1482.5							
	OBS	00904	04.19	34.98	27.77		1482.6							
	OBS	00942	04.14	34.98	27.78		1483.0							
	OBS	00953	04.14	34.98	27.78		1483.2							
	OBS	00961	04.14	34.97	27.77		1483.3							
	STO	01000	04.13	34.98	27.78	00.580	1483.5							
	OBS	01000	04.13	34.98	27.78		1483.5							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOCC STATION DATA

REF ID	SI	B463	YEAR	1975	BOATP	D3450	AIR TEMP	06.9	DIA	MGT	PER	WIND-DIR	34	INST	STD	RECORDER	TEN	SD	1302	
CONSEC		0099	MONTH	06	SHIP	EV	WET	BULB	06.9			WIND-SPD	06	TRACE	DIA			5	SQUARE	2
LAT	44	07.0N	DAY	05	DATA	USE	1	BAPOMETA	1005.6	SEA		WIND-FOR		DURATION		00.3		2	SQUARE	48
LONG	048	11.0W	HOUR	02.1	AREA		05	CLCUG	T/A	CL/TR		WEATHER	X4	ORIG	C11	876		1	SQUARE	48

CASSTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXVG	PO4	TOT P	MO2	MO3	S103	PH
02.1	STC	00000	08.25	34.26	26.70	00.000	1483.0							
	081	00000	08.25	34.29	26.70		1483.0							
	STO	00010	08.13	34.29	26.72	00.013	1482.7							
	081	00011	08.12	34.29	26.72		1482.6							
	STO	00020	08.05	34.30	26.73	00.027	1482.5							
	081	00020	08.05	34.30	26.74		1482.5							
	STO	00030	08.05	34.39	26.81	00.040	1482.8							
	081	00030	08.05	34.39	26.81		1482.8							
	STO	00050	08.09	34.43	26.83	00.065	1483.4							
	081	00053	08.19	34.46	26.84		1483.8							
	081	00060	08.51	34.55	26.86		1485.3							
	081	00068	08.24	34.62	26.96		1484.5							
	STO	00075	07.90	34.61	27.00	00.093	1483.3							
	081	00078	07.83	34.61	27.01		1483.0							
	081	00083	07.83	34.70	27.08		1483.3							
	081	00093	06.09	34.49	27.16		1476.3							
	081	00097	06.45	34.54	27.15		1478.0							
	STO	00100	06.43	34.53	27.15	00.119	1477.8							
	081	00100	06.42	34.53	27.15		1477.8							
	081	00116	06.86	34.67	27.20		1480.0							
	STO	00125	06.44	34.61	27.21	00.141	1478.4							
	081	00127	06.33	34.60	27.22		1478.0							
	081	00137	05.57	34.57	27.24		1476.2							
	081	00148	06.09	34.62	27.26		1477.4							
	STO	00150	05.74	34.56	27.26	00.163	1475.9							
	081	00150	05.65	34.54	27.25		1475.5							
	081	00175	05.81	34.62	27.30		1476.7							
	081	00150	05.93	34.67	27.32		1477.5							
	081	00164	05.40	34.61	27.34		1475.3							
	081	00158	05.38	34.66	27.38		1475.4							
	STO	00200	05.47	34.67	27.38	00.203	1475.8							
	081	00203	05.61	34.68	27.37		1476.4							
	081	00226	06.06	34.84	27.44		1478.8							
	081	00232	06.18	34.86	27.44		1479.4							
	081	00236	05.92	34.80	27.43		1478.4							
	081	00247	05.38	34.72	27.43		1476.3							
	STO	00250	05.18	34.72	27.45	00.238	1475.5							
	081	00253	05.06	34.72	27.47		1475.1							
	081	00258	05.19	34.74	27.47		1475.7							
	081	00281	04.82	34.65	27.47		1474.5							
	081	00287	04.66	34.72	27.51		1474.0							
	STO	00300	04.55	34.78	27.53	00.269	1475.4							
	081	00304	05.13	34.83	27.55		1476.3							
	081	00308	05.31	34.88	27.56		1477.2							
	081	00319	04.55	34.82	27.56		1476.0							
	081	00323	04.93	34.84	27.58		1475.8							
	081	00325	04.97	34.85	27.57		1476.0							
	081	00354	04.52	34.81	27.60		1474.6							
	STO	00400	04.48	34.86	27.64	00.324	1475.3							
	081	00401	04.48	34.86	27.64		1475.3							
	081	00456	04.81	34.94	27.67		1477.7							
	STO	00500	04.66	34.95	27.70	00.373	1477.8							
	081	00504	04.65	34.95	27.70		1477.8							
	081	00552	04.57	34.96	27.71		1478.3							
	STO	00600	04.40	34.96	27.75	00.418	1478.4							
	081	00603	04.39	34.96	27.75		1478.4							
	081	00651	04.34	34.96	27.74		1479.0							
	STO	00700	04.11	34.95	27.74	00.461	1478.6							
	081	00700	04.11	34.93	27.74		1478.8							
	081	00755	04.02	34.53	27.75		1479.3							
	STO	00800	03.51	34.92	27.75	00.505	1475.6							
	081	00801	03.91	34.92	27.75		1479.6							
	081	00854	03.82	34.92	27.76		1480.1							
	STO	00900	03.80	34.92	27.76	00.547	1480.8							
	081	00902	03.80	34.92	27.76		1480.8							
	081	00953	03.87	34.94	27.77		1482.0							
	STO	01000	03.70	34.91	27.77	00.590	1482.0							
	081	01001	03.70	34.91	27.77		1482.0							
	081	01058	03.72	34.92	27.77		1483.1							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFIC 31 8463	YEAR 1975	CTDID 03621	AIR TEMP 06.5	DIR HGT PER	WIND-DIR 36	INST S70 RECORDER	TEN SQ 1306
CONSEC 0100	MONTH 06	SHIP EV	WET BULB 06.5	36 0 2	WIND-SPD 09	TRACE DIR C	5 SQUARE 2
LA° 44 05.2N	DAY 05	DATA USE 1	BAROMETR 1008.6	SEA	WIND-FOR	DURATION 00.4	2 SQUARE 46
LONG 047 57.0W	MOOR 03.8	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	DRIG D11 879	1 SQUARE 47

CASTNO#TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	S103	PH
33.8	S70	00000	06.17	33.82	26.62	00.000	1474.2							
	OBS	00001	06.17	33.82	26.62		1474.2							
	S70	00010	06.17	33.82	26.62	00.014	1474.4							
	OBS	00011	06.17	33.82	26.62		1474.4							
	S70	00020	06.12	33.80	26.61	00.025	1474.3							
	OBS	00020	06.11	33.80	26.61		1474.3							
	S70	00030	07.55	34.30	26.81	00.042	1480.5							
	OBS	00030	07.69	34.32	26.61		1481.3							
	OBS	00032	08.07	34.36	26.80		1482.9							
	OBS	00040	07.67	34.44	26.90		1481.6							
	OBS	00045	07.74	34.47	26.62		1482.0							
	S70	00050	08.24	34.55	26.94	00.066	1484.1							
	OBS	00055	08.53	34.67	26.95		1485.4							
	OBS	00064	08.14	34.61	26.57		1484.0							
	OBS	00068	06.72	34.36	26.57		1478.2							
	OBS	00070	06.42	34.43	27.07		1477.2							
	OBS	00074	06.40	34.42	27.06		1477.1							
	S70	00075	06.46	34.40	27.10	00.092	1477.5							
	OBS	00076	06.56	34.54	27.14		1478.0							
	OBS	00081	07.28	34.66	27.13		1481.0							
	OBS	00083	07.08	34.63	27.14		1480.3							
	OBS	00085	07.03	34.62	27.14		1480.1							
	OBS	00091	06.52	34.53	27.13		1478.0							
	S70	00100	06.44	34.58	27.18	00.116	1477.9							
	OBS	00100	06.44	34.58	27.18		1477.5							
	S70	00125	06.60	34.67	27.24	00.138	1475.1							
	OBS	00125	06.63	34.68	27.24		1475.3							
	S70	00150	06.45	34.69	27.27	00.160	1478.5							
	OBS	00150	06.45	34.69	27.27		1478.9							
	OBS	00163	06.40	34.65	27.28		1475.0							
	OBS	00165	06.17	34.68	27.30		1478.1							
	OBS	00171	06.30	34.74	27.33		1478.8							
	OBS	00175	06.63	34.79	27.32		1480.2							
	OBS	00182	06.67	34.81	27.34		1480.5							
	OBS	00154	06.33	34.76	27.34		1475.3							
	S70	00200	06.43	34.78	27.34	00.200	1475.8							
	OBS	00201	06.45	34.78	27.34		1479.9							
	OBS	00228	06.26	34.83	27.40		1475.7							
	OBS	00235	06.26	34.88	27.45		1475.9							
	OBS	00249	05.68	34.79	27.45		1477.6							
	S70	00250	05.69	34.75	27.45	00.236	1477.7							
	OBS	00257	05.75	34.83	27.47		1478.2							
	OBS	00264	06.30	34.55	27.50		1480.6							
	OBS	00270	06.49	34.98	27.49		1481.5							
	OBS	00277	06.40	34.94	27.47		1481.2							
	OBS	00293	05.59	34.60	27.50		1479.7							
	OBS	00257	05.25	34.76	27.45		1476.6							
	S70	00300	05.13	34.81	27.53	00.268	1476.2							
	OBS	00300	05.13	34.82	27.54		1476.3							
	OBS	00306	05.47	34.89	27.55		1477.8							
	OBS	00352	05.52	34.93	27.58		1478.8							
	S70	00400	04.54	34.87	27.60	00.325	1477.2							
	OBS	00401	04.93	34.87	27.60		1477.2							
	OBS	00458	04.84	34.53	27.66		1477.8							
	S70	00500	04.81	34.56	27.65	00.376	1478.4							
	OBS	00500	04.81	34.56	27.65		1476.4							
	OBS	00552	04.75	35.00	27.72		1479.2							
	S70	00600	04.65	35.00	27.73	00.422	1479.6							
	OBS	00603	04.68	35.00	27.73		1479.7							
	OBS	00634	04.54	34.99	27.74		1475.5							
	S70	00700	04.36	34.96	27.74	00.466	1479.9							
	OBS	00700	04.36	34.96	27.74		1479.5							
	OBS	00751	04.05	34.54	27.75		1475.6							
	S70	00800	04.14	34.96	27.76	00.510	1480.6							
	OBS	00805	04.14	34.96	27.76		1480.7							
	OBS	00852	04.00	34.55	27.77		1480.9							
	S70	00900	03.85	34.93	27.76	00.557	1481.2							
	OBS	00904	03.88	34.93	27.76		1481.2							
	OBS	00955	03.63	34.42	27.76		1481.8							
	OBS	00969	03.75	34.52	27.77		1482.1							
	S70	01000	03.78	34.51	27.76	00.555	1482.4							
	OBS	01031	03.78	34.51	27.76		1482.4							
	OBS	01047	03.75	34.52	27.77		1483.0							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

N O D C S T A T I O N O A T A

REF ID 31 8463	YEAR 1975	BOTOP 03513	AIR TEMP 08.6	DJR HGT PER	WIND-DIR 35	INST STO RECORDER	TEN SQ 1306
CONSEC 3101	MONTH 06	SHIP EV	WET BULB 05.7	00 A X	WIND-SPO 07	TRACE CIR 0	5 SQUARE 2
LAT 44 21.0N	DAY 05	DATA USE 1	BAROMETER 1009.4	SEA	WIND-FOR	DURATION 00.4	2 SQUARE 46
LONG 047 56.8W	MOOR 05.6	AREA 05	CLOUD T/A	CL/7R	WEATHER X5	ORIG 011 860	1 SQUARE 47

CASHTUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOP7F	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
05.4	STO	00000	06.86	33.75	26.48	00.000	1476.9							
085	00001	06.86	33.75	26.48			1476.9							
085	00003	06.86	33.75	26.48			1476.9							
085	00009	06.51	33.85	26.60			1475.8							
STO	00010	06.50	33.85	26.60		00.015	1475.7							
085	00017	06.46	33.91	26.65			1475.6							
STO	00020	06.50	33.93	26.66		00.029	1476.0							
085	00022	06.67	33.96	26.68			1478.6							
STO	00030	07.81	34.34	26.80		00.042	1481.6							
085	00034	08.72	34.60	26.87			1485.7							
085	00038	09.66	34.86	26.92			1489.6							
085	00043	10.45	35.04	26.92			1492.8							
085	00049	10.46	35.04	26.92			1492.9							
STO	00050	10.50	35.05	26.92		00.067	1493.1							
085	00055	10.84	35.13	26.92			1494.5							
085	00070	11.25	35.26	26.95			1496.3							
STO	00075	10.53	35.13	26.98		00.095	1493.7							
085	00076	10.41	35.11	26.99			1493.3							
085	00087	10.25	35.08	26.99			1492.6							
085	00089	10.49	35.25	27.01			1495.4							
085	00091	10.63	35.21	27.02			1494.4							
085	00093	10.57	35.21	27.04			1494.2							
085	00099	09.80	35.05	27.04			1491.3							
STO	00100	09.80	35.05	27.05		00.122	1491.3							
085	00106	09.75	35.06	27.06			1491.3							
085	00119	09.57	35.07	27.10			1490.9							
STO	00125	08.23	34.82	27.12		00.147	1485.6							
085	00127	07.84	34.75	27.12			1484.1							
085	00133	07.62	34.72	27.13			1483.3							
085	00146	07.71	34.76	27.15			1483.9							
STO	00150	07.54	34.71	27.14		00.171	1483.2							
085	00150	07.52	34.71	27.14			1483.2							
085	00177	07.31	34.73	27.18			1482.6							
STO	00200	07.95	34.90	27.22		00.217	1485.9							
085	00203	08.02	34.92	27.23			1486.2							
085	00228	08.28	35.00	27.25			1487.7							
085	00237	08.23	35.01	27.27			1487.7							
085	00245	07.90	34.96	27.28			1486.5							
STO	00250	07.89	34.96	27.28		00.261	1486.5							
085	00258	07.81	34.96	27.25			1486.4							
085	00276	07.46	34.95	27.33			1485.3							
085	00283	07.31	34.93	27.34			1484.8							
085	00285	07.01	34.85	27.32			1483.6							
085	00298	06.50	34.81	27.38			1481.7							
STO	00300	06.40	34.80	27.36		00.301	1481.3							
085	00304	06.02	34.75	27.37			1479.8							
085	00346	04.98	34.68	27.45			1476.2							
085	00352	04.83	34.68	27.49			1474.5							
085	00354	04.61	34.65	27.50			1474.6							
085	00380	05.45	34.85	27.56			1479.0							
STO	00400	05.32	34.88	27.57		00.369	1478.8							
085	00445	05.02	34.87	27.59			1478.3							
085	00464	05.48	34.97	27.62			1480.6							
STO	00500	05.46	35.00	27.64		00.424	1481.1							
085	00504	05.45	35.00	27.64			1481.2							
085	00553	05.11	34.98	27.67			1480.8							
STO	00600	04.89	35.00	27.71		00.474	1480.5							
085	00603	04.88	35.00	27.71			1480.5							
085	00656	04.84	35.01	27.72			1481.2							
STO	00700	04.77	35.02	27.74		00.520	1481.7							
085	00700	04.77	35.02	27.74			1481.7							
085	00750	04.50	34.98	27.74			1481.3							
STO	00800	04.32	34.97	27.75		00.564	1481.4							
085	00801	04.32	34.97	27.75			1481.4							
085	00852	04.25	34.96	27.75			1481.9							
STO	00900	04.13	34.95	27.76		00.608	1482.2							
085	00906	04.11	34.95	27.76			1482.2							
085	00951	03.96	34.94	27.76			1482.4							
STO	01000	03.80	34.91	27.78		00.652	1482.4							
085	01007	03.78	34.91	27.78			1482.5							
085	01058	03.73	34.91	27.78			1483.1							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

ACOC STATION DATA

REFID 31 8423	YEAR 1975	BOTOP 03325	AIR TEMP 05.4	DIA HGT PER	WIND-DIA 36	INST STO RECORDER	TEN SQ 1306
CONSEC 0102	MONTH 04	SHIP EV	WET BULB 05.3	00 R A	WIND-SPD 08	TRACE DIA 0	5 SQUARE 2
LA7 44 21.0M	DAY 05	DATA USE 1	BAROMETR 1009.4	SEA	WIND-FOR	DURATION 00.4	2 SQUARE 46
LONG 047 56.80	HOUR 06.8	AREA 05	CLCUD T/A	CL/T#	WEATHER K2	DRIG 011 881	1 SQUARE 47

CASNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	PO4	TOT P	ND2	ND3	SID3	PH
06.8	STD	00000	07.18	33.99	26.62	00.000								
	085	00001	07.18	33.99	26.62									
	085	00003	07.19	33.98	26.61									
	085	00007	07.19	33.99	26.62									
	STD	00010	07.07	34.01	26.65	00.014								
	085	00017	06.88	34.08	26.73									
	STD	00020	06.91	34.13	26.77	00.028								
	085	00026	06.97	34.24	26.85									
	085	00026	06.20	34.50	26.87									
	STD	00030	08.32	34.55	26.89	00.040								
	085	00032	08.60	34.63	26.91									
	085	00038	09.65	34.85	26.91									
	STD	00050	10.59	35.09	26.94	00.063								
	085	00051	10.63	35.11	26.95									
	085	00064	10.16	35.15	27.06									
	085	00070	10.18	35.18	27.08									
	085	00072	09.96	35.17	27.11									
	STD	00075	09.97	35.16	27.10	00.090								
	085	00076	09.98	35.16	27.10									
	085	00083	08.55	34.88	27.12									
	085	00085	08.51	34.87	27.11									
	STD	00100	08.28	34.86	27.14	00.114								
	085	00102	08.15	34.84	27.15									
	085	00108	07.61	34.79	27.16									
	STD	00125	07.72	34.83	27.20	00.137								
	085	00123	07.72	34.83	27.20									
	085	00148	07.99	34.91	27.22									
	STD	00150	08.17	34.96	27.23	00.159								
	085	00152	08.38	35.01	27.24									
	085	00163	08.32	34.98	27.23									
	085	00180	08.28	35.02	27.27									
	085	00188	08.28	35.01	27.26									
	085	00196	07.24	34.84	27.26									
	STD	00200	07.16	34.82	27.27	00.202								
	085	00201	07.12	34.81	27.27									
	085	00226	06.60	34.81	27.34									
	085	00243	05.75	34.72	27.38									
	STD	00250	05.49	34.72	27.41	00.241								
	085	00257	05.32	34.71	27.43									
	085	00276	05.50	34.80	27.48									
	085	00294	05.72	34.72 P	27.3900									
	STD	00300	05.77	34.86	27.49	00.274								
	085	00302	05.77	34.86	27.49									
	085	00312	05.67	34.86	27.50									
	085	00317	05.13	34.81	27.53									
	085	00352	04.54	34.76	27.56									
	085	00380	04.89	34.87	27.61									
	085	00392	05.34	34.96	27.62									
	STD	00400	05.55	35.02	27.65	00.332								
	085	00401	05.56	35.03	27.65									
	085	00422	05.68	35.01	27.62									
	085	00459	05.07	34.96	27.66									
	STD	00500	04.99	34.96	27.67	00.382								
	085	00500	04.93	34.96	27.67									
	085	00550	04.60	34.95	27.70									
	STD	00600	04.59	34.98	27.73	00.429								
	085	00603	04.57	34.98	27.73									
	085	00651	04.14	34.92	27.73									
	085	00696	04.11	34.93	27.74									
	STD	00700	04.11	34.92	27.74	00.473								
	085	00702	04.11	34.92	27.73									
	085	00751	04.42	34.99	27.75									
	STD	00800	04.30	34.98	27.76	00.517								
	085	00800	04.30	34.98	27.76									
	085	00805	04.25	34.98	27.77									
	085	00828	04.27	34.99	27.77									
	STD	00900	04.16	34.98	27.77	00.560								
	085	00900	04.16	34.98	27.77									
	STD	01000	03.68	34.94	27.77	00.602								
	085	01000	03.68	34.94	27.77									
	085	01050	03.60	34.94	27.78									

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

N O D C S T A T I O N 0 4 7 A

REFID 31	8463	YEAR 1975	BDTDP 03211	AIR TEMP 05.2	OIR PGT PER	WIND-OIR 02	INST STD RECORDER	TEM SG 1306
CONSEC 0103		MONTH 06	SHIP EV	WET BULB 05.0	02 0 2	WIND-SPO 10	TRACE CIA D	5 SQUARE 2
LAT 44 20.0N		DAY 05	DATA USE 1	BAROMETR 1005.1	SEA	WIND-FOR	OURATICA 00.4	2 SQUARE 46
LONG 048 14.5W		MOU 05.5	AREA 05	CLCUD T/4	CL/TR	WEATHER A2	ORIG 011 882 13	1 SQUARE 46

CASTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYMOPTH	SNO VEL	OXYG	PO4	TOT P	A02	N03	S103	PH
09.5	STD	00000	08.17	34.34	26.75	00.000	1482.7							
	OBS	00005	08.17	34.34	26.75		1482.8							
	STD	00010	08.18	34.36	26.76	00.013	1482.9							
	STD	00020	08.21	34.40	26.79	00.026	1483.3							
	OBS	00020	08.21	34.40	26.79		1483.3							
	STD	00030	08.33	34.34	26.89	00.038	1484.1							
	OBS	00032	08.42	34.35	26.50		1484.5							
	OBS	00043	09.23	34.76	26.91		1488.0							
	STD	00050	09.44	34.89	26.90	00.062	1490.8							
	OBS	00053	10.17	34.94	26.90		1491.8							
	OBS	00062	10.30	35.01	26.53		1492.5							
	OBS	00070	10.48	35.07	26.54		1493.4							
	STD	00075	10.25	35.11	27.01	00.090	1492.7							
	OBS	00076	10.20	35.12	27.03		1492.5							
	OBS	00075	10.07	35.07	27.01		1492.0							
	OBS	00057	09.07	34.96	27.10		1488.5							
	STD	00100	08.83	34.53	27.11	00.115	1487.6							
	OBS	00102	08.60	34.50	27.12		1486.8							
	OBS	00104	07.90	34.79	27.14		1484.0							
	OBS	00116	07.56	34.76	27.19		1482.8							
	STD	00125	07.21	34.72	27.19	00.139	1481.6							
	OBS	00125	07.10	34.70	27.19		1481.1							
	OBS	00127	06.67	34.62	27.19		1479.3							
	OBS	00129	06.83	34.68	27.21		1480.1							
	OBS	00133	06.69	34.64	27.20		1479.5							
	OBS	00139	04.21	34.30	27.23		1465.1							
	OBS	00144	04.23	34.32	27.24		1465.3							
	STD	00150	04.00	34.30	27.25	00.161	1468.4							
	OBS	00154	03.82	34.27	27.25		1467.7							
	OBS	00156	03.43	34.25	27.27		1466.0							
	OBS	00163	03.44	34.26	27.28		1466.2							
	OBS	00171	02.42	34.22	27.34		1461.5							
	OBS	00173	02.43	34.23	27.34		1461.5							
	OBS	00178	02.26	34.22	27.35		1461.3							
	OBS	00196	02.97	34.40	27.43		1464.5							
	STD	00200	02.76	34.38	27.44	00.195	1464.0							
	OBS	00201	02.67	34.38	27.44		1463.7							
	OBS	00226	02.32	34.44	27.52		1462.6							
	OBS	00243	02.46	34.48	27.54		1463.6							
	OBS	00245	03.14	34.55	27.57		1466.8							
	STD	00250	03.14	34.55	27.56	00.225	1466.8							
	OBS	00253	03.16	34.58	27.56		1466.5							
	OBS	00262	03.19	34.59	27.56		1467.2							
	OBS	00276	03.66	34.68	27.59		1469.5							
	OBS	00283	03.54	34.68	27.60		1465.2							
	STD	00300	03.51	34.73	27.61	00.256	1471.1							
	OBS	00304	04.02	34.75	27.61		1471.6							
	OBS	00312	03.77	34.72	27.61		1470.7							
	OBS	00325	03.41	34.69	27.62		1469.3							
	OBS	00336	02.76	34.61	27.62		1466.6							
	OBS	00352	02.84	34.67	27.66		1467.3							
	OBS	00365	03.52	34.75	27.69		1470.6							
	STD	00400	04.38	34.93	27.72	00.303	1474.5							
	OBS	00401	04.41	34.94	27.72		1475.1							
	OBS	00451	04.62	34.57	27.72		1476.8							
	STD	00500	04.66	35.00	27.73	00.346	1477.9							
	OBS	00500	04.66	35.00	27.73		1477.9							
	OBS	00552	04.70	35.02	27.75		1478.9							
	STD	00600	04.61	35.02	27.76	00.385	1479.3							
	OBS	00603	04.61	35.02	27.76		1479.4							
	OBS	00656	04.57	35.02	27.76		1480.1							
	STD	00700	04.45	35.00	27.76	00.431	1480.3							
	OBS	00700	04.45	35.00	27.76		1480.3							
	OBS	00750	04.38	35.00	27.77		1480.8							
	STD	00800	04.31	35.00	27.77	00.473	1481.4							
	OBS	00805	04.30	35.00	27.76		1481.4							
	OBS	00852	04.25	34.55	27.77		1482.0							
	STD	00900	04.18	34.99	27.78	00.515	1482.5							
	OBS	00902	04.18	34.99	27.78		1482.5							
	OBS	00951	04.12	34.95	27.79		1483.1							
	STD	01000	04.08	34.57	27.78	00.557	1483.7							
	OBS	01005	04.07	34.57	27.78		1483.7							
	OBS	01050	04.02	34.97	27.78		1484.3							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOD STATION DATA

REFID 31 8463	YEAR 1975	BOATP 02560	AIR TEMP 04.0	OIR ACT PER	WIND-OIR 02	INST STO RECORDER	TEM SO 1306
CONSEC 0104	MONTH 06	SHIP EV	WET BULB 04.0	02 0 2	WIND-SPO 10	TRACE OIR 0	5 SQUARE 2
LAT 44 20.3N	DAY 05	DATA USE 1	BAROMETER 1008.9	SEA	WIND-FOR	DURATION 00.3	2 SQUARE 48
LONG 048 38.0W	HOUR	AREA 05	CLOUD 7/A	CL/TA	WEATHER X2	DRIG 011 883 12	1 SQUARE 48

CASTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTM	SND VEL	OXYG	PD4	TOT P	NO2	NO3	S103	PH
	STO	00000	03.19	33.53	26.72									
	CBS	00005	03.19	33.53	26.72	00.000	1461.4							
	STO	00010	03.20	33.59	26.77		1461.5							
	OBS	00013	03.21	33.62	26.79	00.013	1461.7							
	OBS	00015	02.96	33.63	26.82		1461.5							
	STO	00020	02.92	33.67	26.85	00.026	1460.8							
	STO	00030	02.84	33.75	26.52	00.037	1460.7							
	OBS	00030	02.84	33.75	26.92		1460.7							
	STO	00050	02.74	33.87	27.03	00.055	1460.8							
	OBS	00057	02.70	33.96	27.10		1460.8							
	OBS	00060	02.13	34.02	27.20		1458.5							
	OBS	00066	01.77	34.11	27.30		1457.1							
	STO	00075	01.67	34.18	27.37	00.081	1456.5							
	OBS	00079	01.65	34.22	27.40		1457.0							
	STO	00100	01.80	34.30	27.44	00.095	1458.1							
	OBS	00100	01.81	34.30	27.45		1458.1							
	STO	00125	02.03	34.44	27.54	00.114	1459.7							
	OBS	00125	02.03	34.44	27.54		1459.7							
	STO	00150	02.22	34.45	27.57	00.127	1461.0							
	OBS	00150	02.22	34.49	27.57		1461.0							
	OBS	00175	02.53	34.61	27.64		1462.9							
	STO	00200	02.67	34.63	27.64	00.153	1464.0							
	OBS	00201	02.67	34.63	27.64		1464.0							
	OBS	00226	02.62	34.64	27.65		1464.2							
	STO	00250	02.66	34.68	27.68	00.175	1464.8							
	OBS	00251	02.67	34.68	27.68		1464.5							
	OBS	00274	02.82	34.70	27.68		1465.5							
	OBS	00283	02.84	34.72	27.70		1466.2							
	OBS	00289	02.91	34.72	27.69		1466.6							
	OBS	00296	03.19	34.78	27.71		1468.0							
	STO	00300	03.22	34.78	27.71	00.197	1468.2							
	OBS	00300	03.24	34.78	27.71		1468.3							
	OBS	00350	03.52	34.83	27.72		1470.4							
	STO	00400	03.65	34.87	27.74	00.238	1471.8							
	OBS	00401	03.66	34.87	27.74		1471.5							
	OBS	00453	03.93	34.91	27.74		1473.5							
	STO	00500	03.95	34.92	27.75	00.278	1474.8							
	OBS	00502	03.95	34.92	27.75		1474.8							
	OBS	00550	03.87	34.92	27.76		1475.3							
	STO	00600	03.82	34.92	27.76	00.316	1475.5							
	OBS	00601	03.82	34.92	27.76		1475.5							
	OBS	00652	03.71	34.91	27.77		1476.3							
	STO	00700	03.66	34.90	27.76	00.355	1476.5							
	OBS	00704	03.64	34.90	27.76		1476.5							
	OBS	00753	03.64	34.90	27.77		1477.7							
	STO	00800	03.64	34.91	27.77	00.395	1478.4							
	OBS	00805	03.64	34.91	27.77		1478.4							
	OBS	00858	03.64	34.91	27.77		1479.4							
	STO	00900	03.64	34.91	27.77	00.440	1480.1							
	OBS	00902	03.64	34.91	27.77		1480.1							
	OBS	00951	03.61	34.91	27.78		1480.8							
	STO	01000	03.57	34.90	27.77	00.482	1481.5							
	OBS	01003	03.57	34.90	27.77		1481.5							
	OBS	01054	03.55	34.90	27.77		1482.3							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

N D O C S T A T I O N D A T A

REFID 31 8463	YEAR 1975	BDTDP 00325	AIR TEMP 06.9	OIR MGT PER	WIND-OIR 03	INST STO RECORDER	TEN SO 1306
CONSEC 0105	MONTH 06	SHIP EV	WET BULB 06.0	03 1 2	WIND-SPD 09	TRACE OIR 0	5 SQUARE 2
LAT 44 20.0M	DAY 05	DATA USE 1	BARCHETR 1000.8	SEA	WIND-FDR	DURATION 00.1	2 SQUARE 40
LONG 046 51.0M	MOUR 13.0	AREA 05	CLCUD T/A	CL/7R	WEATHER A4	ORIG C11 884 10	1 SQUARE 40

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNDPTH	SNO VEL	CRYG	PO4	TOT P	NO2	NO3	S103	PH
13.0	STO	00000	02.40	33.27	26.57	00.000	1458.0							
	OBS	00003	02.40	33.27	26.57		1458.1							
	STO	00010	02.29	33.37	26.67	00.014	1457.5							
	OBS	00011	02.26	33.39	26.69		1457.4							
	OBS	00017	02.23	33.42	26.71		1457.4							
	OBS	00019	00.61	33.27	26.69		1450.5							
	STO	00020	00.76	33.29	26.70	00.028	1450.6							
	OBS	00024	00.65	33.33	26.75		1450.3							
	OBS	00026	00.26	33.33	26.77		1448.6							
	STO	00030	00.32	33.35	26.78	00.041	1449.0							
	OBS	00036	00.41	33.38	26.80		1449.5							
	OBS	00047	00.47	33.39	26.81		1450.0							
	STO	00050	00.78	33.47	26.85	00.066	1451.5							
	OBS	00053	01.03	33.54	26.89		1452.8							
	OBS	00057	01.08	33.55	26.90		1453.1							
	OBS	00060	00.69	33.51	26.89		1451.4							
	OBS	00064	00.45	33.55	26.93		1450.6							
	OBS	00066	00.78	33.63	26.98		1452.0							
	OBS	00070	00.31	33.66	27.03		1450.0							
	STO	00075	01.06	33.76	27.07	00.093	1453.6							
	OBS	00078	01.45	33.82	27.05		1455.5							
	STO	00100	01.70	33.95	27.17	00.117	1457.1							
	OBS	00102	01.73	34.01	27.22		1457.4							
	OBS	00104	02.04	34.06	27.24		1458.9							
	OBS	00110	01.74	34.07	27.27		1457.7							
	OBS	00116	01.83	34.11	27.29		1458.2							
	STO	00125	01.65	34.12	27.32	00.138	1457.6							
	OBS	00125	01.64	34.14	27.33		1457.6							
	OBS	00127	01.59	34.22	27.40		1457.5							
	STO	00150	01.98	34.33	27.46	00.156	1459.7							
	OBS	00150	01.99	34.33	27.46		1459.6							
	OBS	00177	02.19	34.43	27.52		1461.2							
	STO	00200	02.27	34.52	27.58	00.185	1462.1							
	OBS	00203	02.30	34.53	27.55		1462.3							
	OBS	00230	02.60	34.64	27.66		1464.2							
	STO	00250	02.89	34.71	27.65	00.205	1465.9							
	OBS	00253	02.52	34.72	27.69		1466.1							
	OBS	00281	03.00	34.74	27.70		1466.9							
	STO	00300	03.02	34.75	27.70	00.230	1467.3							
	OBS	00304	03.02	34.75	27.71		1467.4							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MODC STATION DATA

REFID 31 8463	YEAR 1975	BOTOP 00075	AIR TEMP 04.8	OIR HGT PER	WIND-OIR 03	INST STO RECORDER	TEN SG 1306
CONSEC 0106	MONTH 06	SHIP EV	WET BULB 04.0	55 X X	WIND-SPD 10	TRACE CIR 0	5 SQUARE 2
LAT 44 20.0N	DAY 05	DATA USE 1	BAROMETER 1006.2	SEA	WIND-FOR	DURATION 00.1	2 SQUARE 48
LONG 045 08.0W	MOUR 14.7	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG 011 885 15	1 SQUARE 49

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SHO VEL	DRYG	PO4	TOT P	NO2	NO3	SIO3	PH
14.7	STO	00000	01.95	32.97	26.37	00.000	1455.3							
	OBS	00001	01.55	32.57	26.37		1455.3							
	OBS	00005	01.85	32.98	26.39		1454.6							
	OBS	00007	01.45	32.53	26.38		1453.1							
	STO	00010	01.35	32.96	26.41	00.016	1452.6							
	OBS	00011	01.35	32.57	26.42		1452.8							
	OBS	00017	01.10	32.54	26.41		1451.7							
	OBS	00019	00.53	32.99	26.40		1449.2							
	STO	00020	00.41	33.02	26.51	00.032	1448.7							
	OBS	00020	00.31	33.04	26.53		1448.3							
	STO	00030	00.06	33.05	26.55	00.047	1447.3							
	OBS	00030	00.02	33.06	26.56		1447.2							
	OBS	00034	- 0.33	33.16	26.66		1445.8							
	STO	00050	- 0.40	33.15	26.65	00.076	1445.7							
	OBS	00051	- 0.41	33.15	26.65		1445.7							
	OBS	00060	- 0.47	33.16	26.66		1445.6							
	OBS	00068	- 0.45	33.17	26.67		1445.8							

REFID 31 8463	YEAR 1975	BOTOP 00053	AIR TEMP 07.0	OIR HGT PER	WIND-OIR 03	INST STO RECORDER	TEN SG 1306
CONSEC 0107	MONTH 06	SHIP EV	WET BULB 05.0	02 1 5	WIND-SPD 12	TRACE CIR 0	5 SQUARE 2
LAT 44 23.0N	DAY 05	DATA USE 1	BAROMETER 1004.8	SEA	WIND-FOR	DURATION 00.0	2 SQUARE 48
LONG 049 13.0W	MOUR 15.3	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG 011 886 11	1 SQUARE 49

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SHO VEL	DRYG	PO4	TOT P	NO2	NO3	SIO3	PH
15.3	STO	00000	02.15	32.59	26.37	00.000	1456.2							
	OBS	00001	02.15	32.95	26.37		1456.2							
	STO	00010	02.01	32.96	26.36	00.017	1455.7							
	OBS	00011	01.89	32.96	26.37		1455.2							
	OBS	00015	01.43	32.55	26.35		1453.2							
	OBS	00017	00.81	33.05	26.51		1450.6							
	OBS	00019	00.53	33.02	26.53		1451.2							
	STO	00020	01.13	33.09	26.52	00.033	1452.1							
	OBS	00020	01.25	33.09	26.52		1452.7							
	OBS	00022	01.33	33.09	26.51		1452.5							
	OBS	00026	00.66	33.09	26.55		1450.1							
	STO	00030	00.65	33.10	26.56	00.048	1450.1							
	OBS	00030	00.65	33.10	26.56		1450.1							
	OBS	00034	00.66	33.08	26.55		1450.2							
	OBS	00043	00.15	33.14	26.62		1448.1							

REFID 31 8463	YEAR 1975	BOTOP 00062	AIR TEMP 07.6	OIR HGT PER	WIND-OIR 05	INST STO RECORDER	TEN SG 1306
CONSEC 0108	MONTH 06	SHIP EV	WET BULB 05.7	59 X X	WIND-SPD 09	TRACE CIR 0	5 SQUARE 2
LAT 44 35.0N	DAY 05	DATA USE 1	BAROMETER 1004.8	SEA	WIND-FOR	DURATION 00.0	2 SQUARE 48
LONG 049 13.0W	MOUR 17.1	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG 011 887	1 SQUARE 49

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SHO VEL	DRYG	PO4	TOT P	NO2	NO3	SIO3	PH
17.1	STO	00000	02.00	32.54	26.35	00.000	1455.4							
	OBS	00001	02.00	32.54	26.35		1455.5							
	OBS	00005	01.52	32.90	26.32		1455.1							
	STO	00010	01.71	32.54	26.37	00.017	1454.3							
	OBS	00011	01.63	32.55	26.38		1454.0							
	OBS	00015	01.41	32.96	26.40		1453.1							
	STO	00020	00.55	32.56	26.43	00.033	1451.3							
	OBS	00022	00.68	32.96	26.45		1449.5							
	OBS	00024	00.44	32.99	26.49		1448.9							
	STO	00030	00.42	32.58	26.48	00.045	1448.5							
	OBS	00030	00.42	32.98	26.48		1448.9							
	STO	00050	- 0.03	33.05	26.55	00.075	1447.3							
	OBS	00051	- 0.05	33.09	26.59		1447.3							
	OBS	00055	- 0.08	33.10	26.60		1447.2							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

W O D C S T A T I O N D A T A

REFID 31 8463	YEAR 1975	807DP 00520	AIR TEMP 10.3	OIR MGT PER	WIND-DIR 02	INST STO RECORDER	TEN SO 130c
COMSEC 0109	MONTH 06	SHIP EV	WET BULB 06.1	03 1 5	WIND-SPD 11	TRACE DIR D	5 SQUARE 2
LAT 44 35.04	DAY 03	DATA USE 1	84RDMETRA 1004.4	SEA	WIND-FOR	DURATION 00.3	2 SQUARE 46
LONG 049 05.20	MOOR 16.0	AREA 03	CLOUD T/A	CL/TR	WEATHER 24	ORIG 011 888 12	1 SQUARE 49

CASTNUM/TIME	LVLTY	DEPTH	TEMP	SAL	SIGMA-T	DYNOPH	SNC VEL	OXYG	P04	TOT P	MO2	MO3	S103	PH
18.0	STD	00000	00.75	32.88	26.38	00.000	1449.8							
	085	00003	00.75	32.88	26.38		1449.8							
	STD	00010	00.67	32.88	26.38	00.017	1449.6							
	085	00011	00.65	32.88	26.39		1449.5							
	085	00013	00.62	32.87	26.38		1449.4							
	STD	00020	00.24	32.87	26.48	00.033	1447.9							
	085	00020	00.11	32.87	26.49		1447.3							
	085	00022	- 0.24	32.96	26.45		1443.7							
	STD	00030	- 0.84	33.09	26.62	00.046	1443.2							
	085	00030	- 0.88	33.10	26.63		1443.1							
	085	00036	- 1.26	33.18	26.71		1441.5							
	085	00040	- 1.32	33.22	26.74		1441.3							
	STD	00050	- 1.29	33.23	26.76	00.073	1441.7							
	085	00051	- 1.28	33.23	26.77		1441.8							
	STD	00073	- 0.93	33.33	26.82	00.106	1443.9							
	085	00076	- 0.92	33.33	26.82		1444.0							
	STD	00100	- 0.83	33.45	26.91	00.136	1445.0							
	085	00100	- 0.82	33.45	26.91		1445.0							
	STD	00125	- 0.54	33.49	26.93	00.164	1446.8							
	085	00123	- 0.53	33.49	26.93		1446.8							
	STD	00150	- 0.41	33.54	26.97	00.192	1447.8							
	085	00132	- 0.39	33.55	26.98		1448.0							
	085	00175	- 0.07	33.65	27.04		1450.0							
	STD	00200	00.16	33.73	27.10	00.244	1451.5							
	085	00201	00.25	33.77	27.12		1452.1							
	085	00211	00.92	34.02	27.28		1453.6							
	085	00226	01.19	34.12	27.35		1457.2							
	085	00249	01.50	34.23	27.41		1459.1							
	STD	00250	01.53	34.25	27.43	00.285	1459.3							
	085	00253	01.70	34.34	27.49		1460.2							
	085	00276	02.20	34.47	27.55		1463.0							
	STD	00300	02.51	34.57	27.61	00.314	1464.5							
	085	00302	02.54	34.58	27.61		1463.0							
	085	00352	02.80	34.66	27.65		1467.1							
	STD	00400	02.93	34.70	27.67	00.363	1468.5							
	085	00403	02.94	34.70	27.67		1468.6							
	085	00431	03.07	34.75	27.70		1470.0							
	085	00498	03.25	34.79	27.72		1471.6							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFID 31 8463	YEAR 1975	BOTOP 01717	AIR TEMP 06.1	OIR PGT PER	WIND-DIR 04	INST STC RECORDER	TEN SO 1306
CONSEC 3110	MONTH 06	SHIP EV	WET BULB 06.0	04 2 2	WIND-SPD 14	TRACE OIR 0	5 SQUARE 2
LAT 44 34.1N	DAY 05	DATA USE 1	BAROMETER 1004.1	SEA	WIND-FOR	DURATION 00.4	2 SQUARE 40
LONG 048 52.0W	MOOR 19.4	ARIA 05	CLCUO T/A	CL/TR	WEATHER A4	DRIG 011 889	1 SQUARE 48

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SNC VEL	OXYG	PO4	TOT P	MO2	MO3	SIO3	PH
19.4	STO	00000	02.60	33.28	26.57	00.000	1456.5							
	OBS	00001	02.60	33.28	26.57		1456.6							
	STO	00010	02.50	33.28	26.56	00.015	1456.3							
	OBS	00011	02.48	33.28	26.58		1456.2							
	OBS	00015	00.89	33.19	26.62		1451.1							
	OBS	00016	00.72	33.22	26.65		1450.4							
	STO	00020	00.61	33.22	26.66	00.026	1449.9							
	OBS	00020	00.51	33.22	26.67		1449.5							
	OBS	00022	00.32	33.29	26.73		1448.8							
	STO	00030	00.66	33.35	26.76	00.042	1450.5							
	OBS	00030	00.67	33.35	26.76		1450.6							
	OBS	00043	00.31	33.40	26.82		1449.2							
	OBS	00047	00.69	33.46	26.85		1451.1							
	STO	00050	00.63	33.46	26.86	00.067	1450.8							
	OBS	00053	00.54	33.47	26.87		1450.5							
	OBS	00055	00.35	33.42	26.84		1449.6							
	OBS	00059	- 0.82	33.37	26.85		1444.2							
	OBS	00062	- 1.14	33.46	26.93		1442.5							
	OBS	00064	- 0.88	33.56	27.00		1444.3							
	OBS	00068	01.69	33.79	27.05		1456.4							
	OBS	00070	01.87	33.80	27.04		1457.2							
	OBS	00072	02.60	33.87	27.03		1460.5							
	STO	00075	02.71	33.85	27.07	00.096	1461.0							
	OBS	00076	02.73	33.85	27.01		1461.1							
	OBS	00083	02.96	33.50	27.03		1462.3							
	OBS	00089	02.05	33.88	27.09		1458.4							
	OBS	00093	01.66	33.87	27.11		1456.7							
	OBS	00095	01.25	33.88	27.15		1455.0							
	STO	00100	00.92	33.90	27.15	00.120	1453.6							
	OBS	00100	00.88	33.91	27.20		1453.4							
	OBS	00112	01.04	34.08	27.33		1454.6							
	OBS	00114	01.45	34.16	27.36		1456.6							
	STO	00125	01.69	34.21	27.38	00.140	1457.9							
	OBS	00127	01.74	34.22	27.39		1458.1							
	STO	00150	02.08	34.41	27.51	00.156	1460.3							
	OBS	00150	02.08	34.41	27.51		1460.3							
	OBS	00175	02.27	34.50	27.57		1461.6							
	STO	00200	02.30	34.51	27.58	00.184	1462.2							
	OBS	00203	02.31	34.52	27.58		1462.3							
	OBS	00226	02.44	34.57	27.61		1463.3							
	STO	00250	02.45	34.58	27.62	00.210	1463.8							
	OBS	00251	02.46	34.58	27.62		1463.8							
	OBS	00276	02.84	34.67	27.66		1466.0							
	STO	00300	02.94	34.71	27.68	00.233	1466.9							
	OBS	00300	02.94	34.71	27.68		1466.9							
	OBS	00350	03.27	34.77	27.70		1469.2							
	OBS	00373	03.35	34.80	27.71		1470.2							
	STO	00400	03.46	34.82	27.72	00.276	1470.9							
	OBS	00400	03.46	34.82	27.72		1470.9							
	OBS	00450	03.51	34.82	27.71		1472.0							
	STO	00500	03.51	34.83	27.72	00.318	1472.8							
	OBS	00500	03.51	34.83	27.72		1472.8							
	STO	00600	03.51	34.84	27.73	00.361	1474.5							
	OBS	00600	03.51	34.84	27.73		1474.5							
	STO	00700	03.50	34.83	27.72	00.404	1476.1							
	OBS	00700	03.50	34.83	27.72		1476.1							
	STO	00800	03.50	34.83	27.72	00.445	1477.7							
	OBS	00800	03.50	34.83	27.72		1477.7							
	STO	00900	03.50	34.83	27.72	00.454	1479.4							
	OBS	00900	03.50	34.83	27.72		1479.4							
	STO	01000	03.49	34.82	27.72	00.540	1481.0							
	OBS	01000	03.49	34.82	27.72		1481.0							
	OBS	01050	03.49	34.82	27.77		1481.9							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFID 31 8443	YEAR 1975	BOTDP 02386	AIR TEMP 04.3	DIA HGT PER	WIND-DIR 03	INST STO RECORDER	TEN 50 1306
CONSEC 0111	MONTH 06	SHIP EV	WET BULB 04.3	03 3 3	WIND-SPD 15	TRACE DIR 0	5 SQUARE 2
LAT 44 33.3N	DAY 05	DATA USE 1	BAROMETR 1002.2	SEA	WIND-FOR	DURATION 00.4	2 SQUARE 46
LONG 048 36.8W	MOOR 23.3	AREA 05	CLOUD T/A	CL/TA	WEATHER X2	DAIG C11 890	1 SQUARE 46

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SWD VEL	DTYG	PD4	TOT.P	MO2	MO3	S103	PH
23.3	STO	00000	03.35	33.40	26.60	00.000	1462.1							
	OBS	00001	03.39	33.40	26.60		1462.1							
	STO	00010	03.03	33.36	26.60	00.015	1460.7							
	OBS	00011	02.67	33.33	26.60		1460.0							
	OBS	00013	02.61	33.37	26.64		1458.9							
	STO	00020	02.52	33.40	26.68	00.025	1456.7							
	OBS	00020	02.51	33.41	26.68		1456.7							
	STO	00030	02.46	33.46	26.73	00.042	1456.7							
	OBS	00030	02.39	33.47	26.74		1456.4							
	OBS	00032	02.07	33.31	26.80		1457.1							
	OBS	00036	01.85	33.60	26.88		1456.3							
	STO	00050	01.62	33.94	27.17	00.064	1455.5							
	OBS	00051	01.61	33.57	27.20		1456.0							
	STO	00075	01.91	34.27	27.42	00.084	1456.1							
	OBS	00076	01.53	34.28	27.42		1456.2							
	STO	00100	02.40	34.46	27.32	00.100	1460.5							
	OBS	00100	02.41	34.46	27.33		1461.0							
	STO	00125	02.35	34.32	27.38	00.114	1461.1							
	OBS	00125	02.32	34.32	27.38		1461.1							
	STO	00150	02.32	34.34	27.60	00.126	1461.5							
	OBS	00150	02.32	34.34	27.60		1461.5							
	OBS	00175	02.42	34.59	27.63		1462.4							
	STO	00200	02.62	34.62	27.64	00.151	1463.7							
	OBS	00201	02.65	34.63	27.64		1463.5							
	OBS	00226	03.37	34.75	27.67		1467.6							
	STO	00250	03.38	34.77	27.69	00.174	1468.0							
	OBS	00251	03.41	34.78	27.69		1468.2							
	OBS	00260	03.73	34.84	27.71		1469.8							
	OBS	00276	03.95	34.86	27.70		1471.0							
	STO	00300	03.96	34.87	27.71	00.195	1471.3							
	OBS	00300	03.96	34.87	27.71		1471.5							
	OBS	00350	03.82	34.88	27.73		1471.7							
	STO	00400	03.77	34.89	27.74	00.236	1472.3							
	OBS	00403	03.77	34.89	27.74		1472.4							
	OBS	00453	03.77	34.90	27.75		1473.2							
	STO	00500	03.80	34.91	27.76	00.276	1474.1							
	OBS	00500	03.80	34.91	27.76		1474.1							
	OBS	00552	03.70	34.90	27.76		1474.6							
	STO	00600	03.71	34.90	27.76	00.316	1475.4							
	OBS	00601	03.71	34.90	27.76		1475.4							
	OBS	00651	03.68	34.91	27.77		1476.1							
	STO	00700	03.71	34.91	27.77	00.356	1477.1							
	OBS	00704	03.71	34.91	27.77		1477.1							
	OBS	00750	03.70	34.91	27.77		1477.5							
	STO	00800	03.70	34.91	27.77	00.357	1478.7							
	OBS	00801	03.70	34.91	27.77		1478.7							
	OBS	00850	03.66	34.91	27.77		1479.4							
	STO	00900	03.66	34.91	27.77	00.435	1480.2							
	OBS	00902	03.66	34.91	27.77		1480.2							
	OBS	00953	03.64	34.91	27.77		1481.0							
	STO	01000	03.62	34.91	27.78	00.460	1481.7							
	OBS	01001	03.62	34.91	27.78		1481.7							
	OBS	01050	03.55	34.90	27.77		1482.2							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

N C O C S T A T I O N C A T A

REFID 31 8403	YEAR 1975	BOTOP 02511	AIR TEMP 06.3	OIR PGT PER	WIND-OIR 02	INST STO RECORDER	TEN SO 1306
CONSEC 0112	MONTH 06	SHIP EV	WET BULB 05.9	01 2 2	WIND-SPO 16	TRACE CIR 0	5 SQUARE 2
LAT 44 35.0N	DAY 04	DATA USE 1	BAROMETR 1004.2	SEA	WIND-FOR	DURATION 01.3	2 SQUARE 48
LONG 048 24.0W	MOOR 02.1	AREA 05	CLOUD T/A	CL/TR	WEATHER X1	DRFC 011 B91	1 SQUARE 48

CASTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYMOPHT	SND VEL	DAYC	PO4	TOT P	NO2	NO3	SIO3	PH
02.1	STO	00000	04.15	33.54	26.63	00.000	1465.5							
	OBS	00003	04.15	33.54	26.63		1465.6							
	STO	00010	04.12	33.54	26.64	00.014	1465.6							
	OBS	00011	04.11	33.54	26.64		1465.5							
	OBS	00015	04.06	33.55	26.65		1465.4							
	OBS	00019	02.71	33.37	26.63		1459.4							
	STO	00020	02.57	33.42	26.65	00.028	1458.5							
	OBS	00020	02.46	33.46	26.73		1458.5							
	STO	00030	02.34	33.51	26.77	00.041	1458.2							
	OBS	00030	02.34	33.51	26.78		1458.2							
	STO	00030	02.33	33.65	26.89	00.066	1458.7							
	OBS	00051	02.33	33.64	26.90		1458.7							
	STO	00075	02.25	33.90	27.05	00.093	1459.1							
	OBS	00076	02.24	33.91	27.10		1459.1							
	STO	00100	01.79	34.03	27.24	00.116	1457.7							
	OBS	00100	01.78	34.04	27.24		1457.6							
	OBS	00116	01.56	34.18	27.37		1457.1							
	STO	00125	01.68	34.24	27.41	00.135	1457.5							
	OBS	00125	01.69	34.24	27.41		1457.5							
	STO	00150	01.84	34.36	27.49	00.151	1459.2							
	OBS	00150	01.85	34.36	27.49		1459.2							
	OBS	00161	02.14	34.43	27.53		1460.8							
	OBS	00165	02.51	34.52	27.57		1462.6							
	OBS	00173	02.23	34.47	27.55		1461.4							
	OBS	00175	02.23	34.47	27.55		1461.4							
	STO	00200	02.35	34.51	27.57	00.180	1462.4							
	OBS	00203	02.37	34.52	27.58		1462.6							
	OBS	00226	02.45	34.57	27.61		1463.4							
	STO	00250	02.56	34.62	27.65	00.205	1464.3							
	OBS	00253	02.57	34.63	27.65		1464.4							
	OBS	00276	02.67	34.65	27.66		1465.3							
	OBS	00287	02.86	34.68	27.66		1466.3							
	STO	00300	04.11	34.85	27.71	00.227	1472.1							
	OBS	00302	04.32	34.52	27.71		1473.1							
	OBS	00352	04.72	34.57	27.71		1475.6							
	STO	00400	04.55	34.96	27.72	00.270	1475.7							
	OBS	00401	04.55	34.96	27.72		1475.7							
	OBS	00411	04.54	34.96	27.72		1475.8							
	STO	00500	04.51	34.96	27.73	00.314	1477.2							
	OBS	00508	04.15	34.57	27.76		1477.3							
	OBS	00553	04.14	34.96	27.76		1477.3							
	STO	00600	04.18	34.96	27.76	00.356	1477.4							
	OBS	00601	04.18	34.96	27.76		1477.5							
	OBS	00651	04.04	34.94	27.76		1477.7							
	STO	00700	03.77	34.92	27.77	00.397	1477.3							
	OBS	00700	03.77	34.92	27.77		1477.4							
	OBS	00750	03.93	34.54	27.77		1478.5							
	STO	00800	03.66	34.50	27.76	00.438	1478.5							
	OBS	00801	03.66	34.90	27.76		1478.5							
	OBS	00850	03.77	34.92	27.77		1479.5							
	STO	00900	03.43	34.90	27.77	00.475	1480.1							
	OBS	00904	03.62	34.90	27.77		1480.1							
	OBS	00955	03.52	34.88	27.76		1480.5							
	STO	01000	03.52	34.85	27.77	00.521	1481.2							
	OBS	01001	03.52	34.89	27.77		1481.3							
	OBS	01031	03.52	34.85	27.77		1481.8							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MODC STATION DATA

REFID 31	8463	YEAR 1975	807DP 03209	AIA TEMP 05.6	OIA HGT PER	WIND-OIA 03	INST STO RECORDER	TEN SO 1306
CONSEC	0113	MONTH 06	SHIP EV	WET BULB 05.5	04 4 5	WIND-SPG 19	TRACE CIA 0	5 SQUARE 2
LAT 44 35.8N		DAY 06	DATA USE 1	BAROMETER 1003.7	SEA	WIND-FCR	DURATION 00.4	2 SQUARE 48
LONG 048 10.0W		MOOR 04.1	AREA 05	CLCUO T/A	CL/TR	WEATHER XO	DRIC CII 892	1 SQUARE 48

C4STNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYN DPTH	SND VEL	OXYG	P04	TOT P	NO2	NO3	SIO3	PH
04.1	STD	00000	07.37	34.02	26.82	00.000	1479.2							
085	00003	07.37	34.02	26.82			1479.3							
085	00005	07.36	34.02	26.82			1479.3							
STD	00010	07.46	34.08	26.65		00.014	1479.8							
085	00011	07.50	34.10	26.66			1480.0							
STD	00020	07.77	34.32	26.75		00.028	1481.5							
085	00020	07.80	34.34	26.81			1481.6							
085	00022	07.86	34.38	26.83			1482.0							
STD	00030	08.72	34.60	26.87		00.040	1485.6							
085	00030	08.77	34.61	26.87			1485.8							
STD	00030	09.04	34.70	26.89		00.064	1487.3							
085	00033	09.09	34.71	26.90			1487.5							
085	00057	05.03	34.88	26.88			1487.3							
STD	00075	10.07	35.02	26.98		00.092	1491.9							
085	00076	10.11	35.03	26.98			1492.1							
085	00081	10.30	35.03	26.94	*		1492.5							
085	00083	10.07	35.00	26.96			1492.0							
085	00087	09.62	34.55	27.00			1490.4							
085	00089	09.53	35.02	27.07			1490.2							
085	00091	09.78	35.10	27.09			1491.2							
085	00095	09.83	35.05	27.07			1490.7							
STD	00100	09.13	34.95	27.07		00.115	1488.8							
085	00100	09.05	34.93	27.07			1488.5							
085	00110	08.31	34.86	27.14			1485.7							
085	00114	07.78	34.76	27.14			1483.6							
STD	00125	07.54	34.76	27.17		00.143	1482.5							
085	00125	07.52	34.76	27.18			1482.8							
085	00148	06.76	34.68	27.22			1480.2							
STD	00150	06.82	34.69	27.22		00.166	1480.4							
085	00150	06.83	34.69	27.22			1480.4							
085	00156	05.63	34.46	27.19	*		1475.4							
085	00163	04.10	34.26	27.21			1469.0							
085	00169	03.46	34.21	27.23			1466.4							
085	00171	03.42	34.22	27.25			1466.2							
085	00175	03.65	34.28	27.27			1467.3							
085	00182	02.30	34.22	27.35			1461.5							
085	00186	02.57	34.26	27.35			1462.8							
085	00190	02.50	34.25	27.38			1462.6							
085	00194	02.85	34.32	27.38			1464.2							
STD	00200	02.67	34.31	27.38		00.205	1463.5							
085	00263	02.61	34.30	27.38			1463.3							
085	00217	02.76	34.41	27.46			1464.3							
085	00220	03.33	34.49	27.47			1467.0							
085	00226	04.62	34.69	27.49			1472.8							
STD	00250	04.05	34.60	27.49		00.239	1470.7							
085	00251	04.04	34.60	27.49			1470.4							
085	00258	04.00	34.59	27.48			1470.6							
085	00264	03.68	34.58	27.51			1465.3							
085	00270	03.57	34.58	27.52			1468.5							
085	00276	03.16	34.53	27.52			1467.2							
085	00281	03.23	34.60	27.57			1467.7							
085	00287	03.57	34.64	27.57			1469.3							
STD	00300	03.70	34.66	27.57		00.265	1470.1							
085	00300	03.70	34.66	27.57			1470.1							
085	00302	03.70	34.66	27.57			1470.1							
085	00310	02.80	34.53	27.55			1466.2							
085	00348	02.71	34.63	27.64			1466.6							
085	00352	02.85	34.67	27.65			1467.5							
085	00373	02.82	34.69	27.68			1467.6							
085	00380	03.07	34.71	27.67			1468.8							
STD	00400	03.33	34.76	27.68		00.315	1470.3							
085	00401	03.34	34.76	27.68			1470.4							
085	00451	03.32	34.78	27.70			1471.1							
STD	00500	03.57	34.84	27.72		00.363	1473.0							
085	00500	03.57	34.84	27.72			1473.1							
085	00546	04.04	34.95	27.76			1476.0							
085	00550	04.07	34.93	27.74			1476.1							
STD	00600	04.05	34.93	27.75		00.405	1476.5							
085	00660	03.98	34.93	27.75			1477.6							
STD	00700	03.91	34.93	27.76		00.447	1477.9							
085	00700	03.91	34.93	27.76			1478.0							
STD	00800	03.91	34.93	27.76		00.488	1479.6							
085	00801	03.51	34.93	27.76			1479.6							
STD	00900	03.85	34.93	27.77		00.531	1481.0							
085	00904	03.84	34.93	27.77			1481.0							
STD	01000	03.66	34.90	27.76		00.573	1481.9							
085	01005	03.66	34.90	27.76			1481.9							
085	01046	03.64	34.90	27.77			1482.6							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

N D O C S T A T I C O A T A

REFID 31 8463	YEAR 1975	BOATDP 03422	AIR TEMP 06.3	DIA PGT PER	WIND-DIA 01	INST STC RECORDER	TEN SO 1306
CONSEC 0114	MDNTH 06	SHIP EV	WET BULB 05.8	05 2 2	WIND-SPO 22	TRACE DIR 0	5 SQUARE 2
LAT 44 35.5N	DAY 06	DATA USE 1	BAROMETER 1003.9	SEA	WIND-FOR	DURATION 00.3	2 SQUARE 46
LONG 047 56.0W	MOOR 06.1	AREA 05	CLOUD T/4	CL/TR	WEATHER A1	ORIG 011 893	1 SQUARE 47

CASTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTIC	SNO VEL	DAYC	PO4	TDT P	MO2	MO3	SID3	PH
06.1	STD	0000	08.69	34.37	26.69	00.000	1484.7							
	085	0001	08.65	34.37	26.69		1484.8							
	STD	0010	08.72	34.37	26.69	00.014	1485.0							
	085	0011	08.73	34.38	26.70		1485.1							
	STD	0020	08.84	34.47	26.75	00.027	1485.7							
	085	0020	08.88	34.49	26.76		1485.6							
	STD	0030	09.64	34.86	26.52	00.035	1489.4							
	085	0030	09.68	34.87	26.92		1489.6							
	085	0036	10.01	34.94	26.53		1451.2							
	STD	0050	10.61	35.10	26.94	00.062	1493.5							
	085	0053	10.72	35.13	26.95		1494.0							
	085	0072	11.20	35.27	26.57		1496.2							
	STD	0075	11.34	35.29	26.96	00.090	1496.8							
	085	0078	11.45	35.33	26.96		1497.4							
	085	0083	11.74	35.42	26.58		1498.5							
	085	0095	11.68	35.42	26.99		1498.5							
	STD	0100	11.40	35.35	27.00	00.118	1497.5							
	085	0102	11.24	35.32	27.00		1496.6							
	STD	0125	09.56	35.17	27.11	00.144	1492.5							
	085	0125	09.55	35.17	27.11		1492.5							
	085	0129	09.88	35.15	27.11		1492.3							
	085	0137	09.37	35.05	27.12		1490.4							
	STD	0150	08.72	34.88	27.09	00.165	1488.0							
	085	0152	08.51	34.86	27.11		1487.2							
	085	0156	08.10	34.84	27.15		1485.7							
	085	0177	07.81	34.79	27.16		1484.8							
	085	0180	07.40	34.73	27.17		1483.2							
	STD	0200	07.70	34.83	27.21	00.217	1484.8							
	085	0201	07.72	34.84	27.21		1485.0							
	085	0213	07.86	34.88	27.22		1485.7							
	085	0220	08.20	34.97	27.24		1487.3							
	085	0226	08.32	35.02	27.26		1487.5							
	085	0239	08.19	34.99	27.26		1487.6							
	085	0247	07.46	34.88	27.28		1484.8							
	STD	0250	07.45	34.87	27.28	00.261	1484.7							
	085	0251	07.44	34.87	27.27		1484.7							
	085	0255	07.28	34.85	27.28		1484.1							
	085	0277	07.31	34.89	27.31		1484.7							
	085	0285	07.03	34.84	27.31		1483.6							
	085	0293	06.60	34.82	27.35		1482.1							
	STD	0300	06.67	34.89	27.40	00.300	1482.5							
	085	0300	06.68	34.90	27.40		1482.6							
	085	0308	06.05	34.77	27.35		1480.0							
	085	0316	05.61	34.72	27.40		1478.3							
	085	0319	05.57	34.73	27.41		1478.2							
	085	0329	05.25	34.71	27.44		1477.1							
	085	0335	05.40	34.77	27.47		1477.9							
	085	0350	05.43	34.77	27.46		1478.2							
	STD	0400	04.58	34.72	27.53	00.368	1475.5							
	085	0403	04.57	34.72	27.52		1475.5							
	085	0451	05.18	34.94	27.63		1479.1							
	085	0493	05.02	34.55	27.65		1475.2							
	STD	0500	04.89	34.93	27.65	00.424	1478.7							
	085	0504	04.82	34.52	27.65		1478.5							
	085	0550	04.84	34.55	27.68		1479.4							
	STD	0600	04.81	34.98	27.70	00.473	1480.1							
	085	0601	04.81	34.58	27.70		1480.1							
	085	0651	04.72	34.99	27.72		1480.6							
	STD	0700	04.55	34.98	27.73	00.519	1480.7							
	085	0700	04.55	34.58	27.73		1480.7							
	085	0750	04.45	34.99	27.75		1481.1							
	STD	0800	04.48	35.00	27.76	00.563	1482.1							
	085	0801	04.48	35.00	27.76		1482.1							
	085	0850	04.48	35.00	27.76		1482.5							
	STD	0900	04.40	34.95	27.76	00.607	1483.4							
	085	0909	04.38	34.99	27.76		1483.5							
	085	0951	04.29	34.55	27.77		1483.8							
	STD	1000	04.21	34.98	27.77	00.651	1484.3							
	085	1003	04.21	34.58	27.77		1484.3							
	085	1043	04.20	34.98	27.77		1484.9							
	085	0106	04.20	34.98	27.77		1485.2							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOO C S T A T I C A O A T A

REFID 31 8463	YEAR 1975	BOATOP 00369	AIR TEMP 05.0	DIA MGT PER	WIND-DIR 10	INST STC RECORDER	TEM SQ 1307
CONSEC 0113	MONTH 06	S+P EV	WET BULB 04.3	00 X X	WIND-SPD 02	TRACE DIR 0	5 SQUARE 3
LAT 49 42.04	DAY 13	DATA USE 1	BARCHETA 1021.0	3E4	WIND-FOR	DURATION 00.2	2 SQUARE 62
LONG 052 26.04	MOUR 23.5	AREA 05	CLOUD T/A	CL/T/A	WEATHER 44	DRIG 011 894	1 SQUARE 92

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-7	GYNOPTH	SND VEL	DRYG	PO4	TOT P	NO2	NO3	S103	PH
23.9	STO	00000	01.85	30.31	24.23	00.000	1431.4							
	D85	00003	01.89	30.31	24.25		1431.4							
	D85	00005	01.90	30.31	24.25		1431.5							
	D85	00007	01.54	30.28	24.25		1445.5							
	STO	00010	01.31	30.31	24.28	00.037	1448.9							
	D85	00011	01.14	30.32	24.31		1448.2							
	STO	00020	- 0.93	32.02	25.76	00.066	1441.1							
	D85	00021	- 1.23	32.30	26.00		1440.1							
	STO	00030	- 1.22	32.37	26.06	00.087	1440.5							
	D85	00030	- 1.22	32.38	26.06		1440.5							
	D85	00041	- 1.41	32.53	26.19		1440.0							
	D85	00043	- 0.47	32.62	26.23		1444.3							
	D85	00049	- 0.30	32.62	26.22		1445.4							
	STO	00050	- 0.53	32.60	26.22	00.123	1444.3							
	D85	00051	- 0.99	32.59	26.22		1442.2							
	D85	00053	- 1.19	32.68	26.30		1441.4							
	STO	00073	- 1.31	32.54	26.51	00.166	1441.6							
	D85	00076	- 1.32	32.96	26.53		1441.6							
	D85	00078	- 0.91	33.00	26.53		1443.6							
	D85	00083	- 1.21	33.03	26.59		1442.3							
	D85	00085	- 1.16	33.04	26.55		1442.6							
	STO	00100	- 1.30	33.14	26.68	00.203	1441.9							
	D85	00100	- 1.41	33.15	26.69		1441.6							
	D85	00104	- 1.55	33.19	26.72		1441.3							
	STO	00123	- 1.36	33.34	26.84	00.233	1442.7							
	D85	00125	- 1.35	33.34	26.84		1442.8							
	STO	00150	- 1.17	33.47	26.54	00.264	1444.2							
	D85	00150	- 1.17	33.47	26.94		1444.2							
	D85	00175	- 0.91	33.63	27.06		1446.1							
	STO	00200	- 0.66	33.73	27.14	00.315	1447.8							
	D85	00201	- 0.85	33.74	27.14		1447.5							
	D85	00226	- 0.57	33.75	27.18		1448.7							
	STO	00250	- 0.17	33.51	27.26	00.335	1451.1							
	D85	00251	- 0.15	33.92	27.26		1451.3							
	D85	00276	00.37	34.07	27.36		1454.2							
	STO	00300	00.70	34.16	27.41	00.356	1456.3							
	D85	00300	00.72	34.16	27.41		1456.4							
	D85	00352	02.25	34.52	27.39		1464.5							
	D85	00363	02.25	34.52	27.59		1464.7							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MODE STATION DATA

REFID 31 8463	YEAR 1975	BOTOP 00320	AIR TEMP 04.0	DIR PGT PER	WIND-DIR 09	INST STD RECORDER	TEM SO 1307
CONSEC 0116	MONTH 06	SHIP EV	WET BULB 04.0	00 X X	WIND-SPD 08	TRACE DIA 0	5 SQUARE 3
LAT 49 43.2N	DAY 16	DATA USE 1	BAROMETER 1021.5	SEA	WIND-FDR	DURATION 00.1	2 SQUARE 02
LONG 052 13.1W	MOOR 01.2	AREA 05	CLOUD T/A	CL/T/A	WEATHER R4	DRG 011 895	1 SQUARE 92

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYMDPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
01.2	STO	00000	02.20	30.38	24.24	00.000	1452.8							
	DBS	00003	02.20	30.38	24.29		1452.6							
	DBS	00007	02.19	30.73	24.57		1453.4							
	STO	00010	02.11	31.32	23.04	00.033	1433.0							
	DBS	00019	00.82	32.63	26.10		1450.1							
	STO	00020	00.52	32.70	26.24	00.036	1448.0							
	DBS	00020	00.33	32.73	26.28		1446.1							
	DBS	00022	00.32	32.73	26.28		1446.0							
	DBS	00026	01.04	32.85	26.34		1451.3							
	STO	00030	00.72	32.80	26.39	00.074	1450.1							
	DBS	00030	00.60	32.89	26.39		1450.0							
	DBS	00040	00.55	32.91	26.42		1449.6							
	DBS	00047	00.36	32.97	26.47		1448.6							
	DBS	00049	00.20	32.96	26.47		1448.2							
	STO	00050	00.21	32.97	26.48	00.106	1448.2							
	DBS	00051	00.22	32.98	26.49		1448.3							
	DBS	00039	00.09	33.01	26.52		1447.9							
	DBS	00060	- 0.23	32.98	26.51		1446.4							
	DBS	00064	00.13	33.05	26.53		1446.2							
	DBS	00072	00.37	33.09	26.57		1449.3							
	STO	00075	- 0.05	33.05	26.56	00.144	1447.6							
	DBS	00079	- 0.53	33.03	26.56		1445.3							
	DBS	00087	- 0.66	33.12	26.64		1445.1							
	DBS	00091	- 1.08	33.14	26.67		1443.2							
	DBS	00099	- 1.25	33.20	26.72		1442.6							
	STO	00100	- 1.20	33.24	26.76	00.178	1442.9							
	DBS	00100	- 1.16	33.28	26.78		1443.2							
	STO	00125	- 1.18	33.30	26.96	00.208	1443.6							
	DBS	00125	- 1.18	33.30	26.97		1443.8							
	STO	00150	- 1.00	33.63	27.06	00.234	1445.2							
	DBS	00150	- 1.00	33.63	27.06		1445.2							
	DBS	00175	- 0.45	33.76	27.16		1447.5							
	STO	00200	- 0.00	33.95	27.28	00.279	1451.1							
	DBS	00201	00.03	33.94	27.29		1451.3							
	DBS	00226	00.32	34.06	27.35		1453.2							
	STO	00250	00.84	34.19	27.42	00.316	1456.6							
	DBS	00251	00.97	34.20	27.43		1456.7							
	DBS	00264	01.15	34.28	27.48		1458.0							
	DBS	00266	01.83	34.29	27.44		1460.9							
	DBS	00268	01.30	34.30	27.48		1458.6							
	DBS	00276	01.53	34.40	27.54		1460.1							
	STO	00300	01.73	34.38	27.52	00.348	1461.2							
	DBS	00300	01.75	34.38	27.52		1461.3							
	DBS	00312	01.73	34.38	27.52		1461.5							

REFID 31 8463	YEAR 1975	BOTOP 00250	AIR TEMP 03.9	DIR PGT PER	WIND-DIR 15	INST STD RECORDER	TEM SO 1307
CONSEC 0117	MONTH 06	SHIP EV	WET BULB 03.6	00 X X	WIND-SPD 11	TRACE DIA 0	5 SQUARE 3
LAT 49 49.0N	DAY 16	DATA USE 1	BAROMETER 1019.1	SEA	WIND-FDR	DURATION 00.1	2 SQUARE 00
LONG 051 58.0W	MOOR 03.3	AREA 05	CLOUD T/A	CL/T/A	WEATHER R3	DRG 011 856	5 SQUARE 96

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYMDPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
03.3	STO	00000	02.90	30.64	24.44	00.000	1456.3							
	DBS	00003	02.90	30.64	24.44		1456.3							
	STO	00010	00.01	32.12	23.77	00.029	1449.1							
	DBS	00013	- 0.36	32.30	26.13		1444.4							
	DBS	00015	- 1.05	32.39	26.23		1441.3							
	DBS	00017	- 1.24	32.70	26.38		1440.7							
	DBS	00019	- 0.82	32.84	26.42		1442.8							
	STO	00020	- 0.80	32.82	26.40	00.046	1442.9							
	DBS	00020	- 0.77	32.80	26.39		1443.0							
	STO	00030	- 0.16	33.00	26.52	00.064	1446.2							
	DBS	00030	- 0.15	33.00	26.52		1445.2							
	DBS	00032	- 0.40	32.99	26.52		1445.2							
	DBS	00034	- 0.47	32.92	26.47		1440.4							
	DBS	00038	- 1.44	32.97	26.34		1440.4							
	STO	00050	- 1.44	33.00	26.57	00.094	1440.6							
	DBS	00051	- 1.44	33.01	26.58		1440.7							
	DBS	00059	- 1.30	33.08	26.62		1440.6							
	STO	00075	- 1.45	33.23	26.75	00.128	1441.3							
	DBS	00076	- 1.45	33.24	26.76		1441.4							
	STO	00100	- 1.29	33.42	26.91	00.156	1442.8							
	DBS	00100	- 1.28	33.43	26.91		1442.8							
	STO	00125	- 1.09	33.35	27.00	00.186	1444.3							
	DBS	00125	- 1.08	33.35	27.00		1444.3							
	STO	00150	- 0.01	33.68	27.10	00.212	1446.2							
	DBS	00150	- 0.00	33.68	27.10		1446.2							
	DBS	00175	- 0.28	33.88	27.24		1449.3							
	DBS	00196	- 0.01	33.97	27.30		1451.1							
	STO	00200	00.03	33.99	27.31	00.255	1451.3							
	DBS	00201	00.07	34.00	27.32		1451.6							
	DBS	00226	00.66	34.12	27.38		1454.8							
	DBS	00247	01.17	34.25	27.45		1457.6							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MODE STATION DATA

REFID 31 8463	YEAR 1975	BO TOP 00260	AIR TEMP 04.2	DIR HGT PER	WIND-DIR 33	INST STC RECORDER	TEN SQ 1307
CONSEC 0118	MONTH 06	SHP EV	WET BULB 04.2	00 X A	WIND-SPO 04	TRACE DIR 0	5 SQUARE 3
LAT 49 54.4N	DAY 16	DATA USE 1	BAROMETER 1018.0	SEA	WIND-FOR	DURATION 00.1	2 SQUARE 80
LONG 051 43.0W	MOOR 05.0	AREA 05	CLOUD T/A	CL/TR	WEATHER 35	ORIG 011 857	1 SQUARE 91

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
05.0	STD	00000	03.04	31.32	24.97	00.000	1457.8							
	085	00001	03.04	31.32	24.97		1457.8							
	STD	00010	02.98	32.70	26.06	00.025	1459.6							
	085	00011	02.73	32.75	26.14		1458.6							
	085	00013	02.27	32.72	26.15		1456.5							
	085	00015	01.73	32.87	26.31		1454.4							
	085	00017	01.48	32.91	26.36		1453.4							
	STD	00020	00.75	32.89	26.39	00.043	1450.1							
	085	00020	00.58	32.89	26.40		1449.4							
	STD	00030	00.64	33.06	26.55	00.05E	1450.0							
	085	00030	00.64	33.09	26.55		1450.1							
	STD	00050	00.72	33.09	26.55	00.06E	1450.8							
	085	00051	00.73	33.09	26.55		1450.8							
	085	00053	00.16	33.11	26.60		1448.3							
	085	00055	00.16	33.10	26.59		1448.3							
	085	00059	- 0.06	33.12	26.61		1447.4							
	085	00062	- 0.25	33.14	26.64		1446.6							
	085	00070	- 1.01	33.20	26.72		1443.3							
	STD	00075	- 1.16	33.28	26.79	00.123	1442.7							
	085	00076	- 1.19	33.30	26.80		1442.5							
	085	00083	- 1.28	33.35	26.86		1444.3							
	STD	00100	- 1.01	33.59	27.03	00.151	1444.4							
	085	00100	- 1.00	33.60	27.04		1446.8							
	STD	00125	- 0.62	33.81	27.19	00.175	1446.9							
	085	00125	- 0.61	33.81	27.20		1450.1							
	STD	00150	- 0.11	33.97	27.30	00.196	1452.9							
	085	00152	- 0.06	33.98	27.31		1453.3							
	085	00175	00.43	34.13	27.40		1455.6							
	STD	00200	00.83	34.23	27.46	00.231	1457.3							
	085	00203	00.88	34.24	27.46		1457.3							
	085	00228	01.15	34.31	27.50		1456.2							
	STD	00250	01.48	34.37	27.53	00.262	1459.4							
	085	00251	01.51	34.38	27.53		1462.6							
	085	00274	02.11	34.49	27.58									

REFID 31 8463	YEAR 1975	BO TOP 00258	AIR TEMP 04.6	DIR HGT PER	WIND-DIR 28	INST STC RECORDER	TEN SQ 1307
CONSEC 0115	MONTH 06	SHP EV	MET BULB 04.8	00 X X	WIND-SPO 06	DURATION 0	5 SQUARE 3
LAT 49 56.0N	DAY 16	DATA USE 1	BAROMETER 1018.0	SEA	WIND-FOR	00.2	2 SQUARE 80
LONG 051 32.2W	MOOR 06.3	AREA 05	CLOUD T/A	CL/TR	WEATHER 35	ORIG 011 898	1 SQUARE 91

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
04.3	STD	00000	03.50	33.25	26.47	00.000	1462.4							
	085	00001	03.50	33.25	26.47		1462.4							
	STD	00010	03.33	33.26	26.49	00.016	1461.8							
	STD	00020	03.04	33.27	26.52	00.031	1460.6							
	085	00020	03.01	33.27	26.53		1459.9							
	085	00026	02.80	33.33	26.55		1459.2							
	STD	00030	02.65	33.29	26.57	00.046	1458.5							
	085	00030	02.48	33.28	26.58		1454.2							
	085	00032	01.51	33.23	26.61		1453.7							
	085	00036	01.72	33.60	26.89		1453.0							
	085	00043	01.04	33.75	27.06		1452.5							
	STD	00050	00.90	33.74	27.06	00.071	1451.2							
	085	00051	00.84	33.73	27.06		1445.2							
	085	00053	00.61	33.71	27.05		1445.7							
	085	00060	00.12	33.80	27.15		1451.6							
	085	00064	00.20	33.84	27.18		1450.0							
	085	00068	00.61	33.86	27.18		1451.5							
	085	00070	00.25	33.83	27.17		1451.8							
	STD	00075	00.55	33.89	27.20	00.094	1451.6							
	085	00076	00.61	33.90	27.21		1451.8							
	STD	00100	00.48	34.02	27.31	00.115	1451.8							
	085	00100	00.47	34.04	27.33		1452.4							
	085	00102	00.58	34.08	27.35		1454.8							
	085	00106	01.09	34.12	27.35		1455.7							
	085	00110	01.27	34.13	27.35		1453.9							
	STD	00125	00.81	34.17	27.41	00.133	1453.9							
	085	00125	00.80	34.17	27.41		1453.5							
	STD	00150	01.18	34.27	27.47	00.146	1456.1							
085	00150	01.19	34.27	27.47		1456.4								
085	00175	01.56	34.40	27.55		1460.2								
STD	00200	01.86	34.49	27.60	00.178	1460.4								
085	00201	01.88	34.50	27.60		1462.4								
085	00226	02.22	34.55	27.65		1463.5								
STD	00250	02.46	34.66	27.68	00.201	1464.0								
085	00251	02.47	34.66	27.68		1465.8								
085	00276	02.75	34.78	27.75		1466.2								
085	00291	02.79	34.77	27.74										

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOD STATION DATA

REFID 31 8423	YEAR 1975	80TOP 00316	AIR TEMP 04.6	DIA HGT PER	WIND-DIA 25	INST STC RECORDER	TEN 30 1407
CONSEC 0120	MONTH 06	SHIP EV	MET GULB 04.2	00 A A	WIND-SPO 09	TRACE DIA 0	5 SQUARE 1
LAT 53 02.7N	DAY 16	DATA USE 1	BAROMETER 1017.8	SEA	WIND-FOR	DURATION 00.2	2 SQUARE 00
LONG 051 17.0W	MOOR 07.9	AREA 05	CLOUD T/4	CL/T4	WEATHER AS	DRIG-C11 859	1 SQUARE 01

CASTNUM/TIME	LVLTYP	DEPTH	TEMP	S&L	SIGMA-T	DYNDPTH	SND VEL	QAYG	PO4	TOT P.	NO2	NO3	SIO3	PH
07.5	STO	00000	02.67	32.98	26.33	00.000	1456.4							
	085	00005	02.67	32.98	26.33		1456.5							
	085	00007	02.53	32.98	26.34		1457.5							
	STO	00010	02.61	33.02	26.36	00.017	1458.4							
	085	00011	02.64	33.04	26.38		1458.6							
	STO	00020	02.63	33.05	26.38	00.034	1458.7							
	085	00020	02.63	33.05	26.38		1458.7							
	085	00024	01.69	33.06	26.45		1455.5							
	085	00026	01.77	33.04	26.44		1455.0							
	085	00028	01.08	33.03	26.48		1451.9							
	STO	00030	01.02	33.04	26.50	00.056	1451.7							
	085	00030	01.00	33.05	26.50		1451.6							
	085	00034	00.87	33.09	26.54		1451.2							
	085	00040	00.35	33.15	26.62		1449.0							
	085	00041	- 0.09	33.21	26.65		1447.1							
	085	00043	- 0.05	33.35	26.80		1447.5							
	085	00045	00.97	33.49	26.86		1452.4							
	085	00049	01.22	33.45	26.81		1453.5							
	STO	00050	01.21	33.43	26.80	00.078	1453.4							
	085	00053	01.02	33.42	26.80		1452.6							
	085	00055	00.82	33.48	26.86		1451.8							
	085	00057	01.37	33.59	26.91		1454.5							
	085	00062	00.50	33.56	26.94		1450.6							
	085	00064	00.80	33.52	26.890*									
	085	00068	01.53	33.66	26.960									
	STO	00075	01.51	33.60	26.91	00.108	1455.4							
	085	00078	01.35	33.61	26.93		1454.8							
	085	00083	00.75	33.62	26.97		1452.2							
	085	00085	00.40	33.66	27.04		1450.7							
	STO	00100	00.37	33.78	27.13	00.134	1451.0							
	085	00100	00.30	33.79	27.14		1450.6							
	085	00104	- 0.11	33.82	27.18		1448.9							
	STO	00125	00.41	33.99	27.29	00.256	1451.8							
	085	00125	00.43	34.00	27.30		1451.9							
	085	00144	01.21	34.18	27.39		1456.0							
	085	00148	00.57	34.13	27.35		1455.0							
	STO	00150	00.92	34.16	27.40	00.174	1454.8							
	085	00150	00.91	34.16	27.40		1454.7							
	085	00175	01.17	34.27	27.47		1456.5							
	STO	00200	01.59	34.35	27.54	00.206	1458.9							
	085	00201	01.62	34.40	27.54		1455.1							
	085	00226	02.07	34.52	27.60		1461.6							
	STO	00250	02.20	34.56	27.64	00.232	1462.7							
	085	00251	02.21	34.58	27.64		1462.8							
	085	00276	02.34	34.64	27.68		1463.8							
	STO	00300	02.66	34.70	27.70	00.254	1465.7							
	085	00300	02.66	34.70	27.70		1465.7							
	085	00314	02.69	34.72	27.71		1466.1							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFID 31 8443	YEAR 1975	BOTOP 00360	AIR TEMP 06.2	DIA HGT PER	WIND-OIR 27	INST STO RECORDER	TEN SQ 1407
CONSEC 0121	MONTH 04	SHIP EV	WET BULB 05.6	SS A R	WIND-SPD 06	TRACE CIR C	5 SQUARE 1
LAT 50 09.04	DAY 16	DATA USE 1	BAROMETER 1019.7	SEA	WIND-FOR	DURATION 00.2	2 SQUARE 00
LONG 051 05.84	MOOR 05.3	AREA 05	CLCUD T/A	CL/TR	WEATHER X4	ORIG 011 900	1 SQUARE 01

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	DAYG	PD4	TOT P	MO2	MO3	SIO3	PH
09.3	STO	00000	02.84	32.90	26.25	00.000	1459.1							
	085	00003	02.86	32.90	26.25		1459.2							
	STO	00010	02.46	32.94	26.31	00.018	1457.6							
	085	00011	02.40	32.94	26.32		1457.4							
	STO	00020	02.33	32.91	26.30	00.035	1457.2							
	085	00020	02.32	32.91	26.30		1457.2							
	085	00024	00.77	32.99	26.47		1450.4							
	STO	00030	00.85	33.04	26.50	00.051	1450.9							
	085	00030	00.86	33.04	26.50		1451.0							
	085	00036	00.46	33.06	26.54		1449.3							
	085	00040	00.40	33.09	26.57		1449.1							
	085	00041	00.20	33.10	26.55		1448.3							
	085	00045	- 0.84	33.12	26.65		1443.5							
	STO	00050	- 1.39	33.25	26.77	00.079	1441.2							
	085	00051	- 1.50	33.28	26.80		1440.8							
	085	00057	- 1.56	33.34	26.85		1440.7							
	STO	00075	- 1.02	33.48	26.55	00.109	1443.7							
	085	00078	- 0.93	33.51	26.96		1444.2							
	STO	00100	- 0.28	33.70	27.09	00.135	1447.9							
	085	00100	- 0.24	33.71	27.10		1446.1							
	STO	00125	00.06	33.82	27.18	00.159	1450.0							
	085	00125	00.08	33.83	27.18		1450.1							
	STO	00150	01.13	34.13	27.36	00.175	1455.7							
	085	00150	01.14	34.138	27.37		1455.7							
	085	00175	01.24	34.237	27.44		1456.7							
	STO	00200	01.33	34.34	27.52	00.212	1457.7							
	085	00201	01.35	34.35	27.52		1457.6							
	085	00226	01.76	34.46	27.58		1460.2							
	STO	00250	02.01	34.52	27.61	00.239	1461.8							
	085	00253	02.04	34.53	27.61		1462.0							
	085	00277	02.29	34.60	27.65		1463.6							
	STO	00300	02.57	34.68	27.65	00.262	1465.2							
	085	00300	02.57	34.68	27.65		1465.3							
	085	00316	02.58	34.67	27.68		1465.6							

REFID 31 8463	YEAR 1975	BOTOP 00298	AIR TEMP 05.8	DIA HGT PER	WIND-OIR 27	INST STO RECORDER	TEN SQ 1407
CONSEC 0122	MONTH 06	SHIP EV	WET BULB 05.1	00 X R	WIND-SPD 06	TRACE CIR C	5 SQUARE 1
LAT 50 12.04	DAY 16	DATA USE 1	BAROMETER 1017.1	SEA	WIND-FOR	DURATION 00.1	2 SQUARE 00
LONG 050 52.24	MOOR 10.8	AREA 05	CLCUD T/A	CL/TR	WEATHER X1	ORIG 011 901 14	1 SQUARE 00

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	DAYG	PD4	TOT P	MO2	MO3	SIO3	PH
10.8	STO	00000	03.17	32.87	26.19	00.000	1460.4							
	085	00003	03.17	32.87	26.19		1460.5							
	085	00005	03.01	32.92	26.25		1459.9							
	STO	00010	03.02	32.92	26.25	00.018	1460.0							
	085	00011	03.02	32.92	26.25		1460.1							
	STO	00020	02.80	32.92	26.27	00.036	1459.3							
	085	00020	02.78	32.92	26.27		1459.2							
	085	00022	01.44	32.89	26.35		1453.3							
	085	00024	00.83	32.95	26.43		1450.6							
	STO	00030	00.85	32.99	26.47	00.052	1450.9							
	085	00030	00.85	33.00	26.47		1450.9							
	085	00038	00.87	33.150	26.59		1451.3							
	STO	00050	00.06	33.20	26.67	00.082	1447.9							
	085	00051	- 0.13	33.220	26.70		1447.1							
	085	00057	- 1.11	33.360	26.85		1442.8							
	085	00059	- 1.20	33.500	26.97		1442.6							
	085	00060	- 1.10	33.490	26.95		1443.1							
	085	00064	- 0.79	33.540	26.98		1444.7							
	085	00066	- 0.77	33.61	27.04		1444.9							
	STO	00075	- 0.57	33.66	27.07	00.112	1446.1							
	085	00076	- 0.54	33.67	27.08		1446.2							
	STO	00100	- 0.07	33.83	27.19	00.135	1449.0							
	085	00100	- 0.06	33.84	27.19		1449.1							
	STO	00125	00.09	33.97	27.29	00.156	1450.3							
	085	00127	00.14	33.99	27.31		1450.6							
	STO	00150	01.01	34.19	27.42	00.174	1455.2							
	085	00154	01.12	34.22	27.43		1455.8							
	085	00175	01.46	34.31	27.48		1457.8							
	085	00177	01.44	34.33	27.50		1457.8							
	085	00192	02.25	34.51	27.58		1461.5							
	085	00196	02.53	34.56	27.60		1463.2							
	STO	00200	02.67	34.62	27.64	00.203	1464.0							
	085	00203	02.78	34.66	27.66		1464.6							
	085	00213	02.98	34.65	27.63		1465.6							
	085	00217	02.52	34.60	27.63		1463.6							
	085	00226	02.48	34.64	27.67		1463.6							
	STO	00250	02.63	34.72	27.71	00.225	1464.7							
	085	00251	02.64	34.72	27.72		1464.8							
	085	00276	02.86	34.75	27.75		1466.3							
	085	00293	02.94	34.81	27.76		1466.9							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFID 31 8463	YEAR 1975	BOATOP 00401	AIR TEMP 05.9	DJA HGT PER	WIND-DIR 27	INST STD RECORDER	TEN SQ 1407
CONSEC 0123	MONTH 06	SHIP EV	WET BULB 04.9	16 0 3	WIND-SPD 08	TRACE DIR 0	5 SQUARE 1
LAT 50 14.0N	DAY 18	DATA USE 1	BAROMETER 1018.2	SEA	WIND-FOR	DURATION 00.2	2 SQUARE 00
LONG 050 38.0W	MOOR 12.2	AREA 05	CLOUD T/A	CL/TR	WEATHER A1	ORIG 011 902	1 SQUARE 00

CASSTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	DAYG	PO4	TOT P	A02	NC3	S103	PH
12.2	STD	00000	02.56	32.93	26.26	00.000	1455.6							
	OBS	00003	02.56	32.93	26.26		1459.7							
	OBS	00007	02.77	32.91	26.26		1458.9							
	STD	00010	02.64	32.94	26.30	00.018	1458.4							
	OBS	00011	02.58	32.95	26.31		1458.2							
	OBS	00013	02.52	32.93	26.31		1458.0							
	OBS	00017	00.94	33.01	26.47		1451.1							
	STD	00020	00.91	33.06	26.51	00.034	1451.1							
	OBS	00020	00.90	33.07	26.52		1451.1							
	OBS	00024	00.99	33.10	26.54		1451.6							
	OBS	00026	00.46	33.04	26.52		1449.1							
	STD	00030	00.52	33.14	26.60	00.045	1449.6							
	OBS	00030	00.53	33.14	26.60		1449.6							
	OBS	00032	00.41	33.12	26.59		1449.1							
	OBS	00034	00.08	33.15	26.63		1447.7							
	OBS	00036	- 0.40	33.23	26.72		1445.6							
	OBS	00038	- 0.71	33.31	26.80		1444.3							
	OBS	00040	- 1.25	33.36	26.85		1441.9							
	STD	00050	- 1.12	33.58	27.02	00.074	1443.0							
	OBS	00051	- 1.09	33.60	27.04		1443.1							
	OBS	00066	- 0.72	33.76	27.16		1445.3							
	OBS	00068	00.10	33.82	27.17		1449.2							
	OBS	00070	00.12	33.84	27.19		1445.4							
	OBS	00072	- 0.11	33.83	27.19		1448.4							
	STD	00075	- 0.15	33.83	27.19	00.098	1446.2							
	OBS	00076	- 0.18	33.83	27.19		1448.1							
	OBS	00078	- 0.24	33.89	27.24		1447.9							
	OBS	00089	00.14	33.95	27.31		1450.0							
	OBS	00091	00.57	34.03	27.31		1452.1							
	STD	00100	01.09	34.12	27.35	00.118	1454.7							
	OBS	00100	01.11	34.12	27.35		1454.8							
	OBS	00104	01.12	34.11	27.34		1454.9							
	STD	00125	01.10	34.20	27.42	00.136	1455.2							
	OBS	00125	01.10	34.20	27.42		1455.2							
	STD	00150	01.39	34.34	27.51	00.151	1457.1							
	OBS	00150	01.40	34.34	27.51		1457.2							
	OBS	00175	01.94	34.48	27.58		1460.2							
	OBS	00194	02.59	34.60	27.62		1463.5							
	OBS	00198	02.28	34.55	27.61		1462.1							
	STD	00200	02.32	34.56	27.62	00.178	1462.4							
	OBS	00201	02.35	34.57	27.62		1462.5							
	OBS	00226	02.55	34.64	27.66		1463.9							
	STD	00250	02.57	34.68	27.69	00.202	1466.4							
	OBS	00251	02.57	34.66	27.69		1466.5							
	OBS	00276	02.64	34.72	27.72		1466.2							
	STD	00300	02.64	34.77	27.74	00.222	1466.5							
	OBS	00300	02.64	34.77	27.74		1466.6							
	OBS	00350	02.88	34.79	27.75		1467.6							
	OBS	00395	02.90	34.80	27.76		1468.4							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

EFFIC 31 8463	YEAR 1975	BOATOP 00843	AIR TEMP 06.0	DIA MGT PER	WIND-DIA 27	INST STG RECORDER	TEN SO 1407
COMSEC 0124	MONTH 06	SHIP EV	WET BULB 05.6	00 A X	WIND-SPD 08	TAACE DIA 0	5 SQUARE 1
LAT 50 20.04	DAY 16	DATA USE 1	BAROMETER 1018.1	SEA	WIND-FOR	DURATION 00.2	2 SQUARE 00
LONG 050 23.54	MOOR 14.1	AREA 05	CLOUD T/A	CL/TR	WEATHER A1	ORIG 011 903 19	1 SQUARE 00

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SWO VEL	OXYG	PO4	TOT P	MO2	MO3	SIO3	PH
14.1	STD	00000	03.57	33.57	26.68	00.000	1464.8							
	OBS	00003	03.57	33.57	26.68		1464.5							
	OBS	00005	03.91	33.86	26.91		1465.0							
	OBS	00007	04.83	34.04	26.96		1469.2							
	OBS	00009	04.05	34.11	27.10		1466.0							
	STD	00010	03.54	34.13	27.12	00.012	1465.6							
	OBS	00011	03.66	34.19	27.20		1464.5							
	STD	00020	03.22	34.41	27.41	00.020	1463.1							
	OBS	00020	03.19	34.42	27.43		1463.0							
	STD	00030	03.03	34.49	27.50	00.026	1462.5							
	OBS	00030	03.02	34.49	27.50		1462.5							
	OBS	00040	02.72	34.45	27.53		1461.4							
	OBS	00045	02.96	34.53	27.54		1462.6							
	STD	00050	02.53	34.51	27.56	00.038	1460.7							
	OBS	00051	02.41	34.51	27.57		1460.2							
	STD	00075	02.36	34.57	27.62	00.050	1460.5							
	OBS	00076	02.35	34.58	27.63		1460.5							
	OBS	00078	02.35	34.60	27.65		1460.4							
	STD	00100	02.72	34.70	27.69	00.062	1462.6							
	OBS	00100	02.73	34.70	27.69		1462.7							
	STD	00125	02.80	34.73	27.71	00.072	1463.4							
	OBS	00125	02.80	34.73	27.71		1463.4							
	STD	00150	02.57	34.79	27.74	00.082	1464.7							
	OBS	00150	02.57	34.79	27.74		1464.7							
	OBS	00175	02.97	34.80	27.75		1465.1							
	STD	00200	03.03	34.82	27.76	00.100	1465.8							
	OBS	00201	03.03	34.82	27.76		1465.8							
	OBS	00226	03.03	34.83	27.77		1466.2							
	STD	00250	03.00	34.84	27.78	00.118	1466.5							
	OBS	00253	03.00	34.84	27.78		1466.6							
	OBS	00276	02.98	34.84	27.78		1466.9							
	STD	00300	02.99	34.84	27.78	00.135	1467.3							
	OBS	00300	03.00	34.84	27.78		1467.4							
	OBS	00302	03.03	34.84	27.78		1467.5							
	OBS	00308	03.23	34.88	27.79		1468.5							
	OBS	00350	03.21	34.88	27.79		1469.1							
	STD	00400	03.34	34.90	27.79	00.170	1470.5							
	OBS	00401	03.34	34.90	27.79		1470.6							
	OBS	00451	03.29	34.90	27.80		1471.2							
	STD	00500	03.29	34.90	27.80	00.205	1472.0							
	OBS	00500	03.29	34.90	27.80		1472.0							
	OBS	00550	03.23	34.91	27.81		1472.6							
	STD	00600	03.16	34.89	27.80	00.240	1473.1							
	OBS	00601	03.16	34.89	27.80		1473.1							
	OBS	00651	03.17	34.91	27.82		1474.0							
	STD	00700	03.17	34.90	27.81	00.276	1474.8							
	OBS	00700	03.17	34.90	27.81		1474.8							
	OBS	00750	03.21	34.90	27.81		1475.8							
	STD	00800	03.23	34.90	27.81	00.312	1476.7							
	OBS	00801	03.23	34.90	27.81		1476.7							
	OBS	00837	03.21	34.91	27.82		1477.3							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

N O D C S T A T I C N C A T A

REFID 31 8463	YEAR 1975	BOTOP 01061	AIR TEMP 06.9	DIR HGT PER	WIND-DIR 22	INST STO RECORDER	TEN SO 1407
CONSEC 0125	MONTH 06	SHIP EV	WET BULB 06.8	22 0 2	WIND-SPO 05	TRACE CIR 0	9 SQUARE 1
LAT 53 22.8N	DAY 16	DATA USE 1	BAROMETER 1017.4	SEA	WIND-FDR	DURATION 00.3	2 SQUARE 00
LONG 050 05.8W	HOOR 13.7	AREA 05	CLOUD T/A	CL/TP	WEATHER 34	DRIG 011 904 11	1 SQUARE 00

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXYC	PO4	TOT P	NO2	NO3	SIO3	PH
13.7	STO	00000	05.31	34.01	26.88	00.000	1471.0							
	OBS	00003	05.31	34.01	26.88		1471.0							
	OBS	00005	05.07	33.99	26.89		1470.1							
	STO	00010	04.76	34.13	27.03	00.011	1469.1							
	OBS	00011	04.69	34.20	27.10		1468.9							
	OBS	00015	05.29	34.48	27.25		1471.0							
	STO	00020	05.38	34.48	27.24	00.021	1472.2							
	OBS	00020	05.39	34.48	27.24		1472.3							
	STO	00030	05.40	34.48	27.24	00.029	1472.5							
	OBS	00030	05.40	34.48	27.24		1472.5							
	OBS	00036	05.86	34.30	27.27		1465.5							
	OBS	00040	03.55	34.41	27.38		1464.0							
	OBS	00041	03.59	34.48	27.44		1465.1							
	OBS	00043	03.97	34.57	27.47		1466.9							
	STO	00050	04.21	34.57	27.44	00.044	1468.0							
	OBS	00051	04.25	34.57	27.44		1468.2							
	STO	00075	03.62	34.61	27.51	00.059	1466.8							
	OBS	00076	03.80	34.61	27.52		1466.7							
	STO	00100	03.53	34.68	27.60	00.073	1466.1							
	OBS	00100	03.52	34.68	27.60		1466.1							
	OBS	00119	03.33	34.70	27.64		1465.6							
	OBS	00123	02.79	34.66	27.65		1463.3							
	STO	00125	02.79	34.69	27.68	00.085	1463.3							
	OBS	00125	02.80	34.70	27.69		1463.4							
	OBS	00129	03.00	34.74	27.70		1464.4							
	OBS	00135	02.59	34.68	27.69		1462.7							
	STO	00150	02.61	34.71	27.70	00.095	1463.2							
	OBS	00150	02.67	34.71	27.71		1463.3							
	OBS	00175	02.80	34.75	27.73		1464.3							
	STO	00200	02.91	34.79	27.75	00.115	1465.2							
	OBS	00201	02.92	34.79	27.75		1465.3							
	OBS	00226	03.05	34.81	27.75		1466.3							
	STO	00250	03.05	34.83	27.77	00.133	1466.7							
	OBS	00251	03.05	34.83	27.77		1466.7							
	OBS	00276	03.03	34.84	27.78		1467.1							
	STO	00300	03.14	34.84	27.77	00.151	1467.9							
	OBS	00300	03.14	34.84	27.77		1468.0							
	OBS	00350	03.14	34.83	27.76		1468.8							
	STO	00400	03.17	34.87	27.79	00.167	1469.8							
	OBS	00401	03.17	34.87	27.79		1469.8							
	OBS	00451	03.05	34.86	27.79		1470.1							
	STO	00500	03.23	34.89	27.80	00.223	1471.7							
	OBS	00502	03.23	34.89	27.80		1471.7							
	OBS	00553	03.21	34.89	27.80		1472.5							
	STO	00600	03.16	34.88	27.80	00.256	1473.0							
	OBS	00601	03.16	34.88	27.80		1473.1							
	OBS	00651	03.17	34.89	27.80		1473.5							
	STO	00700	03.17	34.90	27.81	00.294	1474.8							
	OBS	00700	03.17	34.90	27.81		1474.8							
	OBS	00750	03.25	34.90	27.80		1475.5							
	STO	00800	03.30	34.90	27.80	00.330	1477.0							
	OBS	00801	03.30	34.90	27.80		1477.0							
	OBS	00850	03.30	34.92	27.81		1477.5							
	STO	00900	03.27	34.91	27.81	00.367	1478.5							
	OBS	00900	03.27	34.91	27.81		1478.6							
	OBS	00944	03.27	34.91	27.81		1479.3							
	OBS	00951	03.25	34.91	27.81		1479.3							
	STO	01000	03.27	34.92	27.82	00.405	1480.2							
	OBS	01001	03.27	34.92	27.82		1480.3							
	OBS	01056	03.32	34.93	27.82		1481.4							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFID 31 8463	YEAR 1975	BOTDP 01220	AIR TEMP 08.5	OTR HGT PER	WIND-OIR 22	INST STO RECORDER	TEM SO 1406
CONSEC 0126	MONTH 06	SHIP EV	NET GULB 07.5	00 X X	WIND-SPO 10	TRACE OIR 0	5 SQUARE 2
LAT 33 28.0N	DAY 16	DATA USE 1	BAROMETR 1016.6	SEA	WIND-FOR	DURATICA 00.4	2 SQUARE 08
LONG 049 56.0W	MOOR 17.5	AREA 05	CLOUD 7/A	CL/7R	WEATHER X1	ORIG 011 905 20	1 SQUARE 05

CASSTWJA/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	QXVC	PQ4	TOT P	AQ2	NO3	S103	PH
17.5	STO	C0000	05.48	33.83	26.71	00.000	1471.4							
	OBS	00005	05.48	33.83	26.71		1471.5							
	OBS	00007	05.04	33.99	26.89		1470.0							
	STO	00010	04.60	34.02	26.95	00.012	1469.1							
	OBS	00011	04.69	34.04	26.97		1468.6							
	STO	00020	04.43	34.05	27.01	00.023	1467.7							
	OBS	00020	04.42	34.06	27.02		1467.7							
	OBS	00026	04.36	34.11	27.06		1467.7							
	STO	00030	03.21	34.14	27.20	00.033	1462.8							
	OBS	00030	03.10	34.14	27.21		1462.4							
	OBS	00036	02.55	34.20	27.27		1461.5							
	OBS	00038	02.71	34.15	27.25		1460.6							
	OBS	00040	02.64	34.22	27.32		1460.7							
	STO	00050	02.43	34.29	27.35	00.049	1460.0							
	OBS	00051	02.41	34.30	27.40		1459.5							
	STO	00075	02.34	34.38	27.47	00.065	1460.2							
	OBS	00076	02.34	34.39	27.48		1460.2							
	OBS	00087	02.42	34.46	27.53		1460.8							
	OBS	00095	02.15	34.48	27.57		1459.8							
	STO	00100	01.98	34.47	27.57	00.080	1459.1							
	OBS	C0100	01.98	34.47	27.57		1459.1							
	OBS	00102	02.00	34.34	27.63		1459.3							
	STO	00125	02.32	34.63	27.67	00.092	1461.2							
	OBS	00125	02.33	34.63	27.67		1461.3							
	STO	00150	02.59	34.68	27.69	00.103	1462.5							
	OBS	C0150	02.59	34.68	27.69		1462.9							
	OBS	00175	02.71	34.72	27.71		1463.5							
	STO	00200	02.88	34.79	27.75	00.123	1465.1							
	OBS	00201	02.89	34.75	27.75		1465.2							
	OBS	00226	03.05	34.82	27.76		1466.3							
	STO	00250	03.28	34.86	27.77	00.141	1467.8							
	OBS	00251	03.29	34.86	27.77		1467.8							
	OBS	00276	03.27	34.86	27.77		1468.1							
	STO	00300	03.36	34.87	27.77	00.155	1468.5							
	OBS	00300	03.36	34.87	27.77		1468.5							
	OBS	C0350	03.42	34.85	27.78		1470.0							
	STO	00400	03.42	34.50	27.75	00.155	1470.9							
	OBS	00403	03.42	34.90	27.79		1470.9							
	OBS	00451	03.42	34.50	27.79		1471.7							
	STO	00500	03.27	34.89	27.79	00.230	1471.5							
	OBS	C0500	03.27	34.89	27.79		1471.9							
	OBS	00550	03.21	34.89	27.80		1472.4							
	STO	00600	03.21	34.89	27.80	00.266	1473.3							
	OBS	00601	03.21	34.85	27.80		1473.3							
	OBS	00652	03.15	34.85	27.80		1474.1							
	STO	00700	03.16	34.88	27.80	00.302	1474.7							
	OBS	00700	03.16	34.88	27.80		1474.7							
	OBS	00750	03.20	34.89	27.80		1475.7							
	STO	00800	03.17	34.85	27.80	00.335	1476.4							
	OBS	00803	03.17	34.89	27.80		1476.5							
	OBS	C0850	03.17	34.85	27.80		1477.3							
	STO	00900	03.14	34.85	27.81	00.376	1478.0							
	OBS	00900	03.14	34.89	27.81		1478.0							
	OBS	C0953	03.16	34.85	27.80		1478.9							
	STO	01000	03.16	34.89	27.80	00.414	1479.7							
	OBS	01001	03.16	34.89	27.80		1479.7							
	OBS	01060	03.17	34.89	27.80		1480.6							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

W O D C S T A T I O N C A T

REFID 31 8443	YEAR 1975	BOTOP Q1242	AIR TEMP 08.0	DJA HGT PER	WIND-DIR 23	SWST STD RECORDER	TEM SO 1406
CONSEC Q127	MONTH 06	SHIP EV	WET BULB 07.0	00 X A	WIND-SPD 10	TRACE DIR C	5 SQUARE 2
LAT 50 10.0N	DAY 16	DATA USE 1	BAROMETR 1016.3	SEA	WIND-FOR	DURATION 00.3	2 SQUARE 08
LONG 049 44.0N	MOUR 20.1	AREA 05	CLCUD 7/A	CL/7R	WEATHER X1	ORIG 011 906	1 SQUARE 04

CASTNR/JR/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SND VEL	DAYG	PO4	TOT P	NO2	NO3	SIO3	PH
20.1	STD	00000	05.85	34.17	26.94	00.000	1473.4							
	085	00001	05.85	34.17	26.94		1473.4							
	085	00003	05.77	34.13	26.92		1473.1							
	085	00005	05.50	34.16	26.97		1472.0							
	STD	00010	05.46	34.16	26.98	00.011	1471.9							
	085	00011	05.43	34.17	26.99		1471.9							
	STD	00020	05.06	34.24	27.09	00.021	1470.6							
	085	00020	05.03	34.25	27.10		1470.5							
	085	00022	04.96	34.21	27.08		1470.2							
	085	00024	05.23	34.23	27.27		1463.0							
	085	00026	02.61	34.27	27.36		1460.4							
	085	00028	02.34	34.30	27.41		1459.3							
	STD	00030	02.30	34.33	27.43	00.030	1459.1							
	085	00030	02.29	34.34	27.44		1459.1							
	085	00036	02.55	34.37	27.44		1460.6							
	085	00038	02.35	34.34	27.44		1459.5							
	085	00040	02.32	34.41	27.50		1459.3							
	085	00049	02.75	34.47	27.51		1461.6							
	STD	00050	02.73	34.46	27.50	00.042	1461.5							
	085	00051	02.61	34.39 P	27.450		1459.8							
	085	00053	02.34	34.41	27.49		1460.4							
	085	00066	02.40	34.46	27.53		1458.8							
	STD	00075	02.01	34.43	27.54	00.057	1458.8							
	085	00076	01.99	34.43	27.54		1458.7							
	085	00078	01.57	34.46	27.56		1460.2							
	STD	00100	02.20	34.55	27.61	00.070	1460.2							
	085	00100	02.21	34.55	27.62		1462.4							
	STD	00125	02.58	34.67	27.68	00.081	1462.6							
	085	00125	02.61	34.68	27.69		1463.0							
	085	00127	02.70	34.72	27.71		1464.7							
	085	00133	03.05	34.75	27.70		1463.5							
	STD	00150	02.71	34.73	27.72	00.052	1463.5							
	085	00150	02.71	34.73	27.72		1464.2							
	085	00175	02.78	34.77	27.74		1466.0							
	STD	00200	03.06	34.84	27.77	00.110	1466.1							
	085	00201	03.08	34.84	27.77		1467.4							
	085	00228	03.29	34.86	27.77		1467.8							
	STD	00250	03.28	34.86	27.77	00.128	1467.8							
	085	00253	03.29	34.86	27.77		1468.6							
	085	00276	03.45	34.88	27.78		1469.3							
	STD	00300	03.45	34.89	27.78	00.146	1469.3							
	085	00300	03.45	34.85	27.78		1470.0							
	085	00350	03.42	34.90	27.79		1470.5							
	STD	00400	03.33	34.89	27.76	00.182	1470.5							
	085	00403	03.32	34.85	27.75		1471.1							
	085	00451	03.27	34.89	27.75		1471.9							
	STD	00500	03.27	34.90	27.80	00.217	1471.9							
	085	00500	03.27	34.90	27.80		1472.7							
	085	00550	03.27	34.90	27.80		1473.3							
	STD	00600	03.21	34.90	27.81	00.252	1473.3							
	085	00601	03.21	34.90	27.81		1474.1							
	085	00652	03.20	34.90	27.81		1474.7							
	STD	00700	03.16	34.90	27.81	00.287	1474.8							
	085	00702	03.16	34.90	27.81		1475.6							
	085	00750	03.17	34.89	27.80		1476.4							
	STD	00800	03.16	34.89	27.80	00.323	1476.4							
	085	00801	03.16	34.89	27.80		1477.2							
	085	00850	03.16	34.89	27.80		1478.0							
	STD	00900	03.14	34.90	27.81	00.355	1478.0							
	085	00932	03.14	34.90	27.81		1478.9							
	085	00951	03.16	34.90	27.81		1479.9							
	STD	01000	03.20	34.90	27.81	00.356	1479.9							
	085	01001	03.20	34.90	27.81		1480.8							
	085	01052	03.21	34.91	27.82									

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

M O D C S T A T I O N O A Y A

REFID 31	8463	YEAR 1975	BOTOP 01013	AIR TEMP 06.5	OIR MGT PER	WIND-OIR 25	INST STO RECORDER	TEN SO 1406
CONSEC	0128	MONTH 06	SHIP EV	WET SUL 06.5	00 A K	WIND-SPO 08	TRACE DIR	5 SQUARE 2
LAT	50 06.0N	DAY 16	DATA USE 1	BAROMETR 1016.2	SE4	WIND-FOR	DURATION	2 SQUARE 08
LONG	049 55.5W	MOOR 22.1	ARE6 05	CLOUD T/A	CL/7R	WEATHER K1	ORIG 011 907	1 SQUARE 05

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DTNOPTH	SHO VEL	OKYG	PD4	TOT P	NO2	NO3	SID3	PH
22.1	STD	00000	05.22	34.19	27.03	00.000	1470.0							
	OBS	00001	05.22	34.19	27.03		1470.5							
	OBS	00005	04.90	34.13	27.02		1469.5							
	OBS	00007	04.70	34.18	27.08		1468.8							
	STD	00010	04.69	34.19	27.09	00.010	1468.0							
	OBS	00011	04.69	34.19	27.09		1468.8							
	OBS	00013	04.61	34.18	27.09		1468.5							
	STD	00020	03.65	34.44	27.40	00.019	1464.9							
	OBS	00020	03.58	34.46	27.42		1464.7							
	OBS	00024	03.63	34.32	27.46		1465.1							
	STD	00030	03.53	34.30	27.45	00.025	1464.7							
	OBS	00032	03.36	34.48	27.46		1464.0							
	OBS	00034	03.23	34.49	27.48		1463.5							
	OBS	00038	03.13	34.50	27.50		1463.1							
	OBS	00040	03.17	34.51	27.50		1463.3							
	STD	00050	02.72	34.52	27.55	00.037	1461.6							
	OBS	00051	02.67	34.52	27.55		1461.4							
	STD	00075	02.43	34.58	27.62	00.050	1460.0							
	OBS	00076	02.42	34.58	27.62		1460.8							
	OBS	00083	02.32	34.58	27.63		1460.5							
	STD	00100	02.46	34.64	27.66	00.062	1461.4							
	OBS	00100	02.47	34.64	27.67		1461.5							
	STD	00125	02.57	34.69	27.70	00.072	1462.4							
	OBS	00125	02.57	34.65	27.70		1462.4							
	STD	00150	02.78	34.74	27.72	00.082	1463.0							
	OBS	00150	02.78	34.74	27.72		1463.0							
	OBS	00175	02.89	34.79	27.75		1464.7							
	STD	00200	03.08	34.82	27.75	00.102	1466.0							
	OBS	00201	03.09	34.82	27.75		1466.1							
	OBS	00226	03.15	34.84	27.77		1466.0							
	STD	00250	03.05	34.84	27.77	00.120	1466.7							
	OBS	00251	03.05	34.84	27.77		1466.7							
	OBS	00277	03.07	34.84	27.77		1467.3							
	STD	00300	03.09	34.84	27.77	00.137	1467.7							
	OBS	00300	03.09	34.84	27.77		1467.7							
	OBS	00350	03.11	34.86	27.78		1468.7							
	STD	00400	03.23	34.88	27.79	00.173	1470.0							
	OBS	00401	03.23	34.88	27.79		1470.1							
	OBS	00451	03.21	34.88	27.79		1470.8							
	STD	00500	03.11	34.88	27.80	00.206	1471.2							
	OBS	00500	03.11	34.88	27.80		1471.2							
	OBS	00532	03.17	34.88	27.80		1472.3							
	STD	00600	03.13	34.89	27.81	00.243	1472.9							
	OBS	00601	03.13	34.89	27.81		1473.0							
	OBS	00651	03.17	34.85	27.80		1473.9							
	STD	00700	03.17	34.89	27.80	00.278	1474.7							
	OBS	00750	03.16	34.89	27.80		1475.6							
	STD	00800	03.20	34.90	27.81	00.314	1476.6							
	OBS	00801	03.20	34.90	27.81		1476.6							
	OBS	00850	03.17	34.89	27.80		1477.3							
	STD	00900	03.20	34.90	27.81	00.351	1478.2							
	OBS	00900	03.20	34.90	27.81		1478.2							
	OBS	00951	03.21	34.91	27.82		1479.2							
	STD	01000	03.25	34.92	27.82	00.368	1480.1							
	OBS	01001	03.25	34.92	27.82		1480.2							
	OBS	01005	03.25	34.92	27.82		1480.2							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

N D O C S T A T I O N D A T A

REFID 31 8463	YEAR 1975	BOTDP 00668	AIR TEMP 05.8	DIR HGT PEA	WIND-DIR 25	INST STD RECORDER	TEN 50 1407
CONSEC 0126	MONTH 06	SHIP EV	WET BULB 05.7	00 X X	WIND-SPD 10	TRACE DIR 0	5 SQUARE 1
LAT 50 02.0N	DAY 17	CATA USE 1	BAROMETR 1015.8	SEA	WIND-FDR	DURATICA 00.2	2 SQUARE 00
LONG 050 10.2W	HOUR 00.0	ARIA 05	CLCUD T/4	CL/TA	WEATHER K1	ORIC 011 908	1 SQUARE 00

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYMDPTH	SND VEL	QXYG	PO4	TOT P	NO2	NO3	S103	PH
00.0	STD	00000	03.84	33.57	26.69	00.000	1464.3							
	D85	00001	03.84	33.57	26.69		1464.3							
	D85	00003	04.04	33.63	26.72		1465.2							
	D85	00009	05.30	34.46	27.23		1471.7							
	STD	00010	05.29	34.47	27.24	00.011	1471.6							
	D85	00011	05.25	34.49	27.26		1471.4							
	D85	00013	05.21	34.51	27.28		1471.4							
	D85	00017	04.54	34.45	27.34		1468.7							
	STD	00020	04.13	34.44	27.35	00.015	1467.0							
	D85	00020	04.00	34.43	27.35		1466.4							
	D85	00024	03.26	34.44	27.44		1463.4							
	STD	00030	05.57	34.57	27.51	00.026	1465.0							
	D85	00030	03.58	34.58	27.52		1465.0							
	D85	00036	03.36	34.55	27.51		1464.1							
	D85	00040	02.66	34.48	27.52		1461.1							
	D85	00045	01.95	34.45	27.56		1458.0							
	STD	00050	01.90	34.48	27.58	00.037	1457.9							
	D85	00051	01.89	34.48	27.59		1457.9							
	D85	00057	01.87	34.48	27.59		1457.9							
	STD	00075	01.96	34.52	27.61	00.045	1458.7							
	D85	00076	01.98	34.52	27.61		1458.8							
	D85	00089	02.34	34.58	27.63		1460.7							
	D85	00091	02.77	34.66	27.66		1462.7							
	STD	00100	02.84	34.68	27.66	00.061	1463.1							
	D85	00100	02.84	34.68	27.67		1463.1							
	STD	00125	02.75	34.73	27.71	00.071	1463.2							
	D85	00125	02.75	34.73	27.71		1463.2							
	STD	00150	02.77	34.75	27.73	00.081	1463.7							
	D85	00150	02.77	34.75	27.73		1463.8							
	D85	00175	02.78	34.77	27.74		1464.2							
	STD	00200	02.85	34.80	27.76	00.100	1465.0							
	D85	00205	02.86	34.80	27.76		1465.1							
	D85	00228	02.89	34.81	27.77		1465.6							
	STD	00250	02.91	34.82	27.77	00.118	1466.1							
	D85	00251	02.91	34.82	27.77		1466.1							
	D85	00277	02.92	34.84	27.79		1466.6							
	STD	00300	02.98	34.84	27.78	00.136	1467.2							
	D85	00300	02.98	34.84	27.78		1467.3							
	D85	00352	03.05	34.85	27.78		1468.4							
	STD	00400	03.03	34.86	27.79	00.170	1469.2							
	D85	00403	03.03	34.86	27.79		1469.2							
	D85	00453	03.07	34.87	27.80		1470.2							
	STD	00500	03.07	34.87	27.80	00.205	1471.3							
	D85	00500	03.07	34.87	27.80		1471.0							
	D85	00552	03.09	34.88	27.80		1471.9							
	STD	00600	03.11	34.88	27.80	00.241	1472.8							
	D85	00601	03.11	34.88	27.80		1472.9							
	D85	00651	03.11	34.88	27.80		1473.7							
	D85	00668	03.11	34.89	27.81		1474.0							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

PERIO 31 8463	YE64 1975	BOTOP 00342	AIA TEMP 04.5	DIR MGT PER	WIND-DIA 28	INST STO RECORDER	TEN SQ 1307
CONSEC 0130	MONTH 06	SNIP EV	WET BULB 05.9	00 R R	WIND-SPD 09	TAACE DIR 0	5 SQUARE 3
LAT 49 56.0N	DAY 17	DATA USE 1	BAROMETR 1015.5	SEA	WIND-FOR	DURATION 00.2	2 SQUARE 80
LONG 050 24.0E	MOOR 01.8	AREA 05	CLOUD T/A	CL/T/A	WEATHER X2	DRIG 011 909	1 SQUARE 90

C&STNUM/TIME	LVL7YP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	DAYG	PD4	TOT	MO2	MO3	S103	PH
	STO	00000	02.86	33.15	26.48	00.000	1459.5							
01.8	085	00003	02.86	33.19	26.48		1459.6							
	085	00007	02.60	33.20	26.51		1458.8							
	STO	00010	02.55	33.24	26.54	00.015	1458.4							
	085	00011	02.55	33.27	26.57		1458.5							
	STO	00020	03.06	33.74	26.50	00.025	1461.5							
	085	00020	03.11	33.76	26.91		1461.7							
	085	00024	02.86	33.79	26.95		1460.8							
		00026	02.09	33.78	27.01		1457.4							
	STO	00030	00.54	33.79	27.12	00.039	1450.6							
	085	00030	00.38	33.79	27.13		1449.9							
	085	00040	00.69	34.03	27.31		1451.7							
	085	00041	00.66	34.09	27.36		1451.7							
	085	00043	00.88	34.10	27.35		1452.8							
	STO	00050	00.75	34.10	27.36	00.056	1452.3							
	085	00051	00.75	34.11	27.37		1452.3							
	085	00064	01.27	34.26	27.45		1455.1							
	085	00066	01.90	34.31	27.45		1458.0							
	085	00072	01.91	34.28	27.42		1458.1							
	STO	00075	01.67	34.29	27.45	00.073	1457.1							
	085	00076	01.57	34.29	27.46		1456.6							
	085	00078	02.21	34.39	27.49		1459.6							
	085	00081	02.53	34.42	27.49		1461.1							
	STO	00100	01.83	34.37	27.50	00.086	1458.3							
	085	00100	01.82	34.37	27.50		1458.3							
	085	00110	01.78	34.44	27.56		1458.3							
	085	00114	02.09	34.45	27.55		1459.8							
	085	00119	02.20	34.49	27.57		1460.4							
	085	00123	02.67	34.57	27.59		1462.6							
	STO	00125	02.62	34.55	27.58	00.103	1462.4							
	085	00125	02.54	34.54	27.58		1462.1							
	085	00127	02.09	34.49	27.58		1460.1							
	STO	00150	02.19	34.56	27.64	00.115	1461.0							
	085	00150	02.19	34.56	27.64		1461.0							
	085	00175	02.45	34.65	27.68		1462.6							
	STO	00200	02.76	34.73	27.71	00.137	1464.5							
	085	00201	02.77	34.73	27.71		1464.6							
	085	00226	02.77	34.77	27.74		1465.0							
	STO	00250	02.91	34.80	27.75	00.156	1466.0							
	085	00251	02.61	34.80	27.76		1466.1							
	085	00276	02.94	34.83	27.78		1466.7							
	STO	00300	02.67	34.83	27.77	00.175	1467.2							
	085	00300	02.67	34.83	27.77		1467.2							
	085	00329	03.00	34.84	27.78		1467.8							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFID 31	B443	YEAR 1975	BCTOP 00326	AIR TEMP 00.3	OIA MGT P2A	WIND-OIA 29	INST STO RECORDER	TEM SQ 1307
CONSEC 0131	MONTH 04	SIMP EV	NET BULB 00.3	00 X 1	WIND-SPD 06	TRACE DIA	C	5 SQUARE 3
LAT 49 54.0M	DAY 17	DATA USE 1	BAROMETR 1015.5	SEA	WIND-FOR	DURATION	00.2	2 SQUARE 80
LONG 353 35.20	MOOR 04.0	AREA 05	CLOUD T/4	CL/TA	WEATHER 16	DRIG 011 910		1 SQUARE 90

CASNUM/TIME	LVLTY*	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	DRYG	PO4	TOT P	MO2	MO3	SIO3	PH
	STO	00003	03.88	32.84	26.10	00.000	1463.4							
04.0	OBS	00001	03.88	32.84	26.10		1463.5							
	OBS	00003	03.25	32.98	26.28		1461.0							
	OBS	00005	02.94	33.08	26.38		1459.6							
	STO	00010	02.89	33.09	26.39	00.018	1459.7							
	OBS	00013	02.83	33.05	26.40		1459.5							
	OBS	00019	02.69	33.10	26.42		1459.0							
	STO	00020	02.56	33.12	26.44	00.034	1458.4							
	OBS	00020	02.45	33.13	26.46		1458.0							
	STO	00030	02.29	33.29	26.60	00.045	1457.7							
	OBS	00030	02.29	33.30	26.61		1457.7							
	OBS	00045	02.42	33.470	26.74		1458.8							
	OBS	00049	02.04	33.450	26.75		1457.1							
	STO	00050	01.75	33.46	26.78	00.074	1455.6							
	OBS	00051	01.35	33.51	26.85		1454.2							
	OBS	00053	01.79	33.66	26.94		1456.4							
	OBS	00055	02.00	33.71	26.96		1457.4							
	OBS	00056	01.55	33.79	27.06		1455.6							
	OBS	00060	02.07	33.90	27.11		1458.1							
	OBS	00064	02.22	33.91	27.10		1458.8							
	OBS	00066	01.80	33.90	27.13		1457.0							
	OBS	00070	01.49	33.87	27.13		1455.6							
	OBS	00072	00.07	33.85	27.20		1449.2							
	OBS	00074	- 0.06	33.91	27.25		1448.7							
	STO	00075	- 0.04	33.91	27.25	00.103	1448.8							
	OBS	00076	- 0.01	33.92	27.26		1449.0							
	STO	00100	00.97	34.14	27.38	00.122	1454.1							
	OBS	00100	01.02	34.15	27.38		1454.4							
	OBS	00118	02.21	34.34	27.45		1460.2							
	OBS	00119	01.69	34.28	27.44		1457.9							
	STO	00125	01.42	34.29	27.47	00.139	1456.8							
	OBS	00125	01.40	34.29	27.47		1456.7							
	OBS	00137	01.64	34.37	27.52		1458.1							
	OBS	00140	03.71	34.63	27.54		1467.5							
	OBS	00144	03.54	34.61	27.54		1466.8							
	OBS	00146	03.08	34.53	27.52		1464.7							
	OBS	00148	02.86	34.59	27.59		1463.9							
	STO	00150	02.81	34.57	27.58	00.153	1463.7							
	OBS	00150	02.80	34.57	27.58		1463.6							
	OBS	00154	02.73	34.55	27.57		1463.4							
	OBS	00158	02.09	34.50	27.59		1460.6							
	OBS	00175	02.16	34.57	27.64		1461.3							
	STO	00200	02.32	34.63	27.67	00.177	1462.5							
	OBS	00201	02.34	34.63	27.67		1462.6							
	OBS	00226	02.64	34.71	27.71		1464.4							
	STO	00250	02.86	34.75	27.74	00.198	1464.9							
	OBS	00251	02.67	34.75	27.74		1465.0							
	OBS	00276	02.84	34.79	27.75		1466.2							
	STO	00300	03.02	34.84	27.78	00.217	1467.4							
	OBS	00300	03.02	34.84	27.78		1467.4							
	OBS	00321	03.02	34.85	27.79		1467.8							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

W C O C S T A T I O N D A T A

REFID 31 8463	YEAR 1975	BOTOP 00302	AIR TEMP 05.1	OIR PGT PER	WIND-OIR 24	INST STO RECORDER	TEN 50 1307
CONSEC 0132	MONTH 06	SHIP EV	WET GULB 05.1	00 X X	WIND-SPD 07	TRACE OIR C	5 SQUARE 3
LAT 49 49.0N	DAY 17	DATA USE 1	BAROMETR 1016.1	SEA	WIND-FOR	CURATICA 00.1	2 SQUARE 80
LONG 030 51.6W	MOUR 05.9	AREA 05	CLCUD 7/A	CL/TA	WEATHER X5	ORIG 011 911	1 SQUARE 50

CAS/MU/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYMOPTH	SWD VEL	CKYG	PO4	TOT P	AC2	NO3	SI03	PH
05.5	STO	00000	03.65	32.85	26.13	00.000	1462.5							
	085	00001	03.65	32.85	26.13		1462.5							
	085	00003	03.61	32.86	26.15		1462.4							
	085	00007	02.91	32.52	26.26		1459.3							
	STO	00010	02.87	32.96	26.29	00.018	1456.5							
	085	00011	02.84	32.57	26.30		1455.3							
	085	00017	02.60	32.95	26.31		1458.4							
	STO	00020	01.90	32.94	26.36	00.035	1455.3							
	085	00020	01.88	32.54	26.37		1454.4							
	085	00022	01.21	33.02	26.46		1452.4							
	STO	00030	00.59	33.05	26.50	00.051	1451.6							
	085	00030	00.93	33.06	26.51		1451.3							
	085	00034	00.33	33.22	26.68		1446.9							
	085	00038	- 0.60	33.25	26.77		1444.6							
	085	00040	- 0.77	33.25	26.78		1444.0							
	085	00041	- 1.16	33.32	26.82		1442.3							
	085	00045	- 1.33	33.42	26.90		1441.7							
	085	00047	- 1.10	33.43	26.91		1442.8							
	085	00049	- 1.21	33.45	26.93		1442.3							
	STO	00050	- 1.17	33.47	26.94	00.078	1442.6							
	085	00051	- 1.05	33.53	26.99		1443.2							
	085	00064	- 0.73	33.65	27.07		1445.1							
	085	00072	- 0.13	33.74	27.12		1448.1							
	085	00074	- 0.47	33.75	27.14		1446.6							
	STO	00075	- 0.48	33.75	27.14	00.104	1446.6							
	085	00076	- 0.48	33.76	27.15		1446.6							
	STO	00100	00.25	33.56	27.28	00.125	1450.8							
	085	00100	00.31	33.97	27.28		1450.9							
	STO	00125	00.79	34.15	27.39	00.144	1453.8							
	085	00123	00.60	34.15	27.40		1453.8							
	STO	00150	01.31	34.32	27.50	00.160	1456.7							
	085	00150	01.32	34.32	27.50		1456.8							
	085	00169	01.76	34.41	27.54		1459.2							
	085	00173	01.62	34.40	27.54		1458.6							
	STO	00200	01.91	34.52	27.61	00.188	1460.5							
	085	00203	01.96	34.53	27.62		1460.8							
	085	00226	02.32	34.60	27.65		1462.8							
	STO	00250	02.51	34.67	27.69	00.211	1464.1							
	085	00253	02.53	34.68	27.65		1464.3							
	085	00276	02.69	34.74	27.73		1465.5							
	STO	00300	02.87	34.79	27.75	00.231	1466.7							
	085	00300	02.88	34.75	27.75		1466.8							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFID 31 A463	YEAR 1975	BOTOP 00291	AIR TEMP 06.3	OIA PCT PER	WIND-OIA 26	INST STO RECORDE	TEN SQ 1307
CONSEC 0133	MONTH 04	SHIP EV	WET BULB 06.2	00 X X	WIND-SPO 04	TRACE OIA 0	5 SQUARE 3
LAT 49 44.8N	DAY 17	DATA USE 1	BAROMETER 1014.1	SEA	WIND-FOA	DURATION 00.1	2 SQUARE 80
LONG 051 04.0W	MOOR 07.3	AREA 05	CLOUD T/A	CL/T/A	WEATHER H4	ORIG 011 912	1 SQUARE 91

CASSTN/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
07.3	STO	00000	03.77	33.10	26.32	00.000	1463.3							
	OBS	00003	03.77	33.10	26.32		1463.4							
	STO	00010	03.14	33.21	26.46	00.018	1461.0							
	OBS	00011	02.58	33.23	26.50		1460.3							
	STO	00020	02.44	33.37	26.85	00.031	1458.3							
	OBS	00022	01.32	33.42	26.78		1453.5							
	OBS	00024	00.30	33.46	26.87		1448.9							
	OBS	00026	00.30	33.52	26.92		1449.0							
	STO	00030	00.04	33.56	26.96	00.044	1448.0							
	OBS	00030	00.01	33.56	26.97		1447.8							
	OBS	00036	- 0.09	33.58	26.99		1447.5							
	OBS	00038	- 0.32	33.61	27.02		1446.5							
	OBS	00041	- 0.47	33.63	27.04		1445.9							
	STO	00050	- 0.30	33.75	27.13	00.064	1447.0							
	OBS	00051	- 0.25	33.77	27.15		1447.3							
	OBS	00057	00.03	33.88	27.21		1448.8							
	OBS	00059	00.50	33.89	27.21		1451.0							
	OBS	00062	00.40	33.88	27.20		1450.6							
	OBS	00066	00.58	33.93	27.23		1451.6							
	STO	00075	00.49	33.95	27.26	00.086	1451.3							
	OBS	00076	00.48	33.96	27.26		1451.3							
	OBS	00091	00.58	34.10	27.37		1452.2							
	OBS	00093	00.94	34.12	27.36		1453.9							
	OBS	00095	01.01	34.13	27.37		1454.2							
	OBS	00099	01.27	34.17	27.38		1455.5							
	STO	00100	01.32	34.18	27.38	00.105	1455.8							
	OBS	00100	01.38	34.18	27.38		1456.0							
	OBS	00102	01.41	34.17	27.37		1456.2							
	OBS	00104	01.24	34.14	27.36		1455.4							
	OBS	00108	01.49	34.21	27.40		1456.7							
	OBS	00110	01.51	34.19	27.38		1456.8							
	OBS	00112	01.23	34.18	27.39		1455.6							
	OBS	00116	01.23	34.21	27.42		1455.7							
	STO	00125	01.67	34.27	27.43	00.122	1457.6							
	OBS	00125	01.67	34.27	27.43		1457.9							
	OBS	00135	01.30	34.30	27.48		1456.4							
	OBS	00144	01.64	34.37	27.49		1459.5							
	STO	00150	01.94	34.35	27.48	00.138	1459.6							
	OBS	00150	01.64	34.35	27.48		1459.6							
	OBS	00175	01.67	34.48	27.59		1459.9							
	STO	00200	02.32	34.55	27.64	00.166	1462.4							
	OBS	00201	02.34	34.60	27.85		1462.5							
	OBS	00230	02.58	34.69	27.70		1464.2							
	STO	00250	02.72	34.74	27.72	00.187	1465.2							
	OBS	00251	02.73	34.74	27.72		1465.2							
	OBS	00276	02.80	34.76	27.73		1466.0							
	OBS	00287	02.64	34.81	27.76		1466.8							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

NODC STATION DATA

REFID 31 8463	YEAR 1975	BOTOP 00262	AIR TEMP 05.4	DIR HGT PER	WIND-DIR 21	INST STD RECORDER	TEN SO 1307
CONSEC 0134	MONTH 06	SHIP EV	WET BULB 05.2	00 X X	WIND-SPD 07	TRACE DIR 0	5 SQUARE 3
LAT 49 39.2N	DAY 17	DATA USE 1	BARCHMETR 1014.1	SEA	WIND-FOR	DURATION 00.1	2 SQUARE 80
LONG 051 18.0W	MOOR 09.0	AREA 05	CLOUD T/A	CL/TR	WEATHER A4	ORIG 011 913 09	1 SQUARE 51

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	PD4	TOT P	NO2	NO3	S103	PH
	STO	00000	04.21	32.59	26.19	00.000	1465.0							
09.0	OBS	00001	04.21	32.99	26.19		1465.1							
	OBS	00003	03.29	33.06	26.34		1461.3							
	STO	00010	02.04	33.12	26.43	00.017	1459.6							
	OBS	00011	02.78	33.14	26.44		1459.3							
	STO	00020	02.70	33.25	26.53	00.033	1459.3							
	OBS	00020	02.49	33.25	26.54		1459.2							
	OBS	00026	02.61	33.25	26.55		1459.0							
	STO	00030	02.02	33.26	26.62	00.048	1456.5							
	OBS	00030	01.97	33.29	26.63		1456.3							
	OBS	00034	01.88	33.43	26.75		1456.1							
	OBS	00038	02.28	33.54	26.80		1458.1							
	OBS	00041	00.77	33.53	26.90		1451.4							
	OBS	00043	01.49	33.59	26.90		1454.8							
	STO	00050	01.16	33.59	26.92	00.073	1453.5							
	OBS	00051	00.99	33.59	26.94		1452.7							
	OBS	00053	00.66	33.60	26.96		1451.2							
	OBS	00057	- 0.11	33.59	27.00		1447.8							
	OBS	00060	- 0.52	33.66	27.07		1446.0							
	OBS	00062	- 0.54	33.68	27.09		1446.0							
	OBS	00072	- 0.24	33.79	27.16		1447.7							
	STO	00075	- 0.00	33.80	27.16	00.099	1448.8							
	OBS	00076	00.07	33.80	27.16		1449.2							
	OBS	00081	00.24	33.81	27.16		1450.1							
	OBS	00083	- 0.05	33.82	27.18		1448.8							
	OBS	00091	- 0.15	33.88	27.23		1448.6							
	OBS	00093	- 0.03	33.90	27.24		1449.2							
	OBS	00097	00.35	33.94	27.25		1451.0							
	OBS	00099	00.30	33.92	27.24		1450.8							
	STO	00100	00.34	33.95	27.26	00.121	1451.0							
	OBS	00102	00.44	34.01	27.31		1451.6							
	STO	00125	00.74	34.15	27.40	00.140	1453.5							
	OBS	00127	00.77	34.16	27.41		1453.7							
	STO	00150	01.09	34.23	27.44	00.156	1455.7							
	OBS	00150	01.10	34.23	27.44		1455.7							
	OBS	00175	01.57	34.38	27.53		1458.4							
	STO	00200	01.98	34.50	27.60	00.185	1460.8							
	OBS	00201	02.00	34.51	27.60		1460.9							
	OBS	00226	02.25	34.60	27.65		1462.5							
	STO	00250	02.25	34.60	27.65	00.210	1462.5							
	OBS	00251	02.25	34.60	27.65		1463.0							
	OBS	00258	02.26	34.60	27.65		1463.1							

REFID 31 8463	YEAR 1975	BOTOP 00227	AIR TEMP 07.5	DIR HGT PER	WIND-DIR 22	INST STD RECORDER	TEN SO 1307
CONSEC 0135	MONTH 06	SHIP EV	WET BULB 07.0	00 X X	WIND-SPD 08	TRACE DIR 0	5 SQUARE 3
LAT 49 34.8N	DAY 17	DATA USE 1	BARCHMETR 1014.1	SEA	WIND-FOR	DURATION 00.1	2 SQUARE 80
LONG 051 33.0W	MOOR 10.5	AREA 05	CLOUD T/A	CL/TR	WEATHER A2	ORIG 011 914	1 SQUARE 91

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	PD4	TOT P	NO2	NO3	S103	PH
	STO	00000	04.82	31.39	24.86	00.000	1465.5							
10.5	OBS	00001	04.82	31.35	24.86		1465.3							
	OBS	00003	04.39	31.52	25.01		1463.9							
	OBS	00007	02.90	32.11	25.61		1458.4							
	STO	00010	01.40	32.33	25.90	00.026	1452.1							
	OBS	00011	00.75	32.49	26.07		1449.4							
	OBS	00013	00.13	32.75	26.31		1447.0							
	STO	00020	00.31	32.88	26.40	00.045	1448.1							
	OBS	00020	00.32	32.89	26.41		1448.2							
	OBS	00028	00.36	32.92	26.43		1448.5							
	STO	00030	00.19	32.61	26.44	00.061	1447.8							
	OBS	00030	00.14	32.91	26.44		1447.5							
	OBS	00049	- 0.26	33.08	26.59		1446.2							
	STO	00050	- 0.21	33.08	26.59	00.092	1446.5							
	OBS	00053	- 0.03	33.09	26.59		1447.4							
	OBS	00055	- 0.05	33.12	26.61		1447.4							
	OBS	00056	- 0.00	33.13	26.65		1444.0							
	OBS	00070	- 1.19	33.44	26.92		1442.8							
	STO	00075	- 1.15	33.51	26.98	00.123	1443.1							
	OBS	00076	- 1.14	33.53	26.99		1443.2							
	STO	00100	- 0.73	33.75	27.15	00.148	1445.6							
	OBS	00100	- 0.71	33.76	27.16		1446.0							
	STO	00125	- 0.18	33.95	27.29	00.170	1449.1							
	OBS	00125	- 0.17	33.95	27.29		1449.1							
	STO	00150	00.26	34.07	27.36	00.189	1451.7							
	OBS	00150	00.27	34.07	27.36		1451.7							
	OBS	00175	00.72	34.19	27.43		1454.3							
	OBS	00198	01.12	34.31	27.50		1456.7							
	STO	00200	01.13	34.31	27.51	00.222	1456.7							
	OBS	00205	01.44	34.38	27.54		1458.3							
	OBS	00222	01.75	34.40	27.53		1460.0							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

M O D C S T A T I O N D A T A

REFID 31 8463	YEAR 1973	BDTOP 00274	AIR TEMP 07.0	OIR HGT PER	WIND-OIR 26	INST STD RECORDER	TEN SG 1307
COMSEC 0134	MONTH 06	SHIP EV	NET BULB 06.7	00 A X	WIND-SPD 09	TRACE DIR 0	5 SQUARE 3
LAT 49 31.0M	DAY 17	DATA USE 1	BAROMETER 1029.9	SEA	WIND-FOR	DURATION 00.2	2 SQUARE 80
LONG 551 53.3M	MOON 52.1	AREA 05	CLOUD T/A	CL/TR	WEATHER X1	ORIG 011 915 21	1 SQUARE 91

CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	CHYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STD	00000	03.85	31.02	24.66	00.000	1460.9							
12.1	OBS	00001	03.85	31.02	24.66		1460.9							
	OBS	00005	03.46	31.27	24.90		1459.6							
	OBS	00009	02.54	31.91	25.48		1456.6							
	STD	00010	02.23	32.02	25.60	00.028	1455.4							
	OBS	00015	00.15	32.85	26.39		1447.2							
	STD	00020	00.67	32.91	26.41	00.045	1445.8							
	OBS	00022	00.83	32.94	26.42		1450.6							
	STD	00030	00.65	32.96	26.45	00.065	1449.9							
	OBS	00032	00.60	32.97	26.46		1449.7							
	OBS	00034	00.50	32.98	26.47		1449.4							
	OBS	00040	00.13	32.92	26.44		1447.7							
	OBS	00041	- 0.11	32.99	26.51		1446.7							
	STD	00050	- 0.46	33.11	26.62	00.095	1445.4							
	OBS	00091	- 0.52	33.13	26.64		1445.1							
	OBS	00068	- 1.32	33.36	26.86		1442.0							
	STD	00075	- 1.26	33.43	26.91	00.127	1442.5							
	OBS	00076	- 1.25	33.44	26.92		1442.6							
	STD	00100	- 0.99	33.66	27.09	00.153	1444.5							
	OBS	00100	- 0.98	33.47	27.10		1444.6							
	STD	00129	- 0.53	33.84	27.21	00.176	1447.5							
	OBS	00125	- 0.52	33.84	27.22		1447.4							
	STD	00150	- 0.14	33.93	27.27	00.197	1449.7							
	OBS	00150	- 0.13	33.93	27.27		1449.7							
	OBS	00175	00.20	34.08	27.37		1451.8							
	STD	00200	00.81	34.18	27.42	00.234	1455.1							
	OBS	00201	00.85	34.19	27.43		1455.4							
	OBS	00224	01.46	34.35	27.51		1458.7							
	OBS	00234	01.80	34.45	27.57		1460.5							

REFID 31 8463	YEAR 1975	BDTOP 00324	AIR TEMP 06.0	OIR HGT PER	WIND-OIR 24	INST STD RECORDER	TEN SG 1307
COMSEC 0137	MONTH 06	SHIP EV	NET BULB 03.8	00 A X	WIND-SPD 10	TRACE DIR 0	5 SQUARE 3
LAT 49 26.0M	DAY 17	DATA USE 1	BAROMETER 1016.1	SEA	WIND-FOR	DURATION 00.1	2 SQUARE 82
LONG 052 01.6M	MOON 13.7	AREA 05	CLOUD T/A	CL/TR	WEATHER X2	ORIG 011 916 19	1 SQUARE 92

CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	CHYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STD	00000	02.32	30.64	24.49	00.000	1453.7							
13.7	OBS	00003	02.32	30.64	24.49		1453.8							
	STD	00010	01.80	31.73	25.39	00.030	1453.0							
	OBS	00011	01.55	31.90	25.55		1452.2							
	OBS	00013	01.14	32.09	25.72		1450.7							
	STD	00020	- 0.13	32.65	26.24	00.052	1445.8							
	OBS	00020	- 0.32	32.68	26.27		1444.9							
	OBS	00024	- 1.14	32.70	26.32		1441.0							
	OBS	00028	- 1.13	32.82	26.41		1441.5							
	STD	00030	- 0.63	32.84	26.41	00.069	1443.8							
	OBS	00030	- 0.52	32.84	26.41		1444.4							
	OBS	00034	- 0.74	32.85	26.42		1443.4							
	OBS	00038	- 0.77	32.86	26.46		1443.4							
	OBS	00040	- 0.43	32.90	26.45		1445.1							
	STD	00050	- 0.41	32.99	26.53	00.101	1445.4							
	OBS	00051	- 0.40	33.00	26.53		1445.5							
	OBS	00060	- 0.24	33.05	26.57		1446.5							
	OBS	00072	- 0.85	33.10	26.63		1443.9							
	OBS	00074	- 1.11	33.12	26.66		1442.8							
	STD	00075	- 1.08	33.15	26.68	00.137	1442.9							
	OBS	00076	- 1.05	33.18	26.70		1443.1							
	STD	00100	- 1.22	33.38	26.87	00.169	1443.0							
	OBS	00100	- 1.23	33.40	26.89		1443.0							
	OBS	00102	- 1.25	33.44	26.92		1443.0							
	STD	00125	- 0.99	33.63	27.06	00.196	1444.9							
	OBS	00125	- 0.98	33.63	27.06		1444.9							
	STD	00150	- 0.56	33.80	27.19	00.220	1447.5							
	OBS	00152	- 0.52	33.82	27.20		1447.8							
	OBS	00169	- 0.17	33.95	27.29		1445.9							
	OBS	00175	00.52	34.01	27.30		1453.2							
	STD	00200	00.92	34.13	27.37	00.260	1455.6							
	OBS	00203	00.99	34.16	27.39		1456.0							
	OBS	00211	01.14	34.23	27.44		1456.9							
	OBS	00215	01.26	34.25	27.45		1457.5							
	OBS	00224	01.40	34.30	27.48		1458.4							
	STD	00250	01.59	34.37	27.52	00.292	1459.7							
	OBS	00251	01.61	34.38	27.53		1459.8							
	OBS	00276	02.07	34.52	27.60		1462.5							
	STD	00300	02.15	34.54	27.61	00.319	1463.2							
	OBS	00302	02.16	34.54	27.61		1463.3							
	OBS	00321	02.23	34.57	27.63		1464.0							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

N O D C S T A T I O N O A T A

REFID 31 8463	YEAR 1975	BOTOP 00335	AIR TEMP 06.8	OIR MGT PER	WIND-OIR 30	INST STO RECORDER	TEN SO 1307
CONSEC 0138	MONTH 06	SHIP EV	WET BULB 06.4	00 X X	WIND-SPD 12	TRACE OIR 0	5 SQUARE 3
LAT 49 21.5N	DAY 17	DATA USE 1	BARCHMETR 1016.0	SEA	WIND-FOR	DURATION 00.2	2 SQUARE 82
LONG 052 13.5W	MOUR 15.0	AREA 05	CLCUO 7/A	CL/TR	WEATHER X2	ORIG C11 917 15	1 SQUARE 92

CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOMPT	SNO VEL	OXYG	PO4	TOT P	MO2	MO3	SIO3	PH
15.0	STO	00000	00.04	30.60	24.58	00.000	1443.4							
	OBS	00003	00.04	30.60	24.58		1443.4							
	STO	00010	- 1.05	31.91	25.68	00.028	1440.3							
	OBS	00013	- 1.35	32.33	26.02		1439.5							
	STO	00020	- 1.28	32.52	26.17	00.049	1440.2							
	OBS	00020	- 1.27	32.54	26.19		1440.5							
	OBS	00022	- 0.81	32.58	26.21		1443.0							
	OBS	00024	- 0.81	32.54	26.18		1442.5							
	OBS	00026	- 1.13	32.61	26.24		1441.2							
	STO	00030	- 1.16	32.63	26.26	00.067	1441.1							
	OBS	00030	- 1.17	32.64	26.27		1441.1							
	OBS	00034	- 1.34	32.76	26.37		1440.5							
	OBS	00036	- 0.72	32.84	26.42		1443.8							
	OBS	00038	- 0.83	32.81	26.40		1443.0							
	OBS	00043	- 1.34	32.84	26.44		1440.8							
	OBS	00045	- 1.38	32.91	26.45		1440.7							
	STO	00050	- 0.45	32.98	26.52	00.100	1445.2							
	OBS	00053	- 0.03	33.02	26.53		1447.3							
	OBS	00066	- 0.86	33.07	26.81		1443.7							
	OBS	00072	- 1.31	33.05	26.60		1441.7							
	STO	00075	- 1.23	33.06	26.61	00.137	1442.1							
	OBS	00076	- 1.21	33.07	26.62		1442.2							
	OBS	00099	- 1.60	33.19	26.73		1441.0							
	STO	00100	- 1.58	33.20	26.73	00.171	1441.1							
	OBS	00100	- 1.57	33.20	26.73		1441.1							
	STO	00125	- 1.34	33.44	26.92	00.202	1442.5							
	OBS	00125	- 1.34	33.44	26.92		1443.0							
	STO	00150	- 1.19	33.54	27.00	00.230	1444.2							
	OBS	00152	- 1.17	33.55	27.01		1444.4							
	OBS	00175	- 0.51	33.63	27.06		1446.1							
	STO	00200	- 0.36	33.87	27.23	00.277	1449.4							
	OBS	00201	- 0.33	33.88	27.24		1449.6							
	OBS	00213	- 0.20	33.92	27.27		1450.4							
	OBS	00215	- 0.60	33.92	27.29		1447.7							
	OBS	00217	- 0.13	33.98	27.31		1450.5							
	OBS	00226	00.22	34.00	27.31		1452.6							
	OBS	00243	00.37	34.07	27.36		1453.7							
	OBS	00245	00.77	34.11	27.37		1455.6							
	STO	00250	00.79	34.11	27.37	00.316	1455.8							
	OBS	00253	00.80	34.12	27.37		1455.9							
	OBS	00262	00.80	34.18	27.42		1456.1							
	OBS	00266	01.12	34.26	27.46		1457.7							
	OBS	00276	01.48	34.30	27.47		1459.6							
	STO	00300	01.69	34.36	27.51	00.349	1461.0							
	OBS	00302	01.71	34.37	27.51		1461.1							
	OBS	00325	01.91	34.45	27.56		1462.5							

REFID 31 8463	YEAR 1975	BOTOP 00251	AIR TEMP 08.1	OIR MGT PER	WIND-OIR 33	INST STO RECORDER	TEN SO 1307
CONSEC 0135	MONTH 06	SHIP EV	WET BULB 07.8	00 X X	WIND-SPD 06	TRACE OIR 0	5 SQUARE 3
LAT 49 17.0N	DAY 17	DATA USE 1	BARCHMETR 1016.1	SEA	WIND-FOR	DURATION 00.2	2 SQUARE 82
LONG 052 28.0W	MOUR 16.6	AREA 05	CLOUD 7/A	CL/TR	WEATHER X2	ORIG 011 918 23	1 SQUARE 92

CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOMPT	SNO VEL	OXYG	PO4	TOT P	MO2	MO3	SIO3	PH
16.6	STO	00000	03.19	31.85	25.41	00.000	1439.2							
	OBS	00001	03.19	31.89	25.41		1459.2							
	OBS	00005	02.75	31.99	25.53		1457.5							
	OBS	00007	03.01	32.10	25.60		1458.8							
	OBS	00009	02.73	32.04	25.57		1457.6							
	STO	00010	02.42	32.07	25.62	00.025	1456.3							
	OBS	00015	- 0.36	32.33	25.99		1444.2							
	STO	00020	- 0.39	32.47	26.10	00.046	1444.3							
	STO	00030	- 0.45	32.69	26.25	00.065	1444.5							
	OBS	00049	- 0.57	32.92	26.48		1444.6							
	STO	00050	- 0.58	32.92	26.48	00.098	1444.5							
	OBS	00053	- 0.80	32.93	26.49		1443.6							
	OBS	00057	- 1.32	32.91	26.49		1441.2							
	STO	00075	- 1.37	32.58	26.55	00.136	1441.4							
	OBS	00075	- 1.39	33.00	26.57		1441.4							
	STO	00100	- 1.52	33.10	26.65	00.172	1441.2							
	OBS	00100	- 1.53	33.10	26.65		1441.2							
	OBS	00108	- 1.61	33.11	26.66		1440.9							
	STO	00125	- 1.56	33.18	26.71	00.206	1441.5							
	OBS	00125	- 1.56	33.18	26.72		1441.6							
	STO	00150	- 1.46	33.27	26.79	00.238	1442.5							
	OBS	00152	- 1.47	33.28	26.80		1442.6							
	OBS	00175	- 1.41	33.39	26.88		1443.4							
	STO	00200	- 1.14	33.52	26.98	00.296	1445.3							
	OBS	00201	- 1.12	33.53	26.59		1445.4							
	OBS	00226	- 0.88	33.68	27.10		1447.1							
	OBS	00247	- 0.44	33.83	27.20		1449.7							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.--Continued

N C O C S T A T I O N C A T A

REFID 31 8463	YEAR 1975	BTOP 00258	AIR TEMP 05.1	OIR MGT PER	WIND-OIA 05	INST STO RECORDER	TEM SQ 1307
CONSEC 0140	MONTH 06	SHIP EV	WET BULB 08.6	00 A 1	WIND-SPO 05	TRACE DIA 0	5 SQUARE 3
LAT 49 15.8M	DAY 17	DATA USE 1	BAROMETER 1015.7	SEA	WIND-FOR	DURATION 00.0	2 SQUARE B2
LONG 052 40.4M	HOOR 18.2	AREA 05	CLOUD T/6	CL/T8	WEATHER X2	ORIG 011 619 26	1 SQUARE 92

CASINUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DTMDPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
18.2	STO	00000	01.85	31.78	25.43	00.000	1453.2							
	OBS	00001	01.85	31.78	25.43		1453.2							
	OBS	00003	02.26	31.81	25.44		1435.1							
	OBS	00009	01.68	32.10	25.70		1451.0							
	STO	00010	01.20	32.21	25.82	00.024	1451.1							
	OBS	00011	00.20	32.40	26.02		1446.8							
	OBS	00013	- 0.38	32.38	26.03		1444.1							
	OBS	00015	- 0.75	32.57	26.20		1442.7							
	OBS	00019	- 0.73	32.62	26.24		1442.5							
	STO	00020	- 0.62	32.62	26.23	00.044	1443.5							
	OBS	00020	- 0.52	32.62	26.23		1443.9							
	OBS	00022	- 1.20	32.60	26.24		1440.8							
	STO	00030	- 1.40	32.67	26.30	00.061	1440.0							
	OBS	00030	- 1.41	32.67	26.30		1440.0							
	STO	00050	- 1.39	32.80	26.41	00.095	1440.6							
	OBS	00051	- 1.39	32.81	26.41		1440.8							
	STO	00075	- 1.34	32.90	26.48	00.135	1441.4							
	OBS	00076	- 1.34	32.91	26.49		1441.4							
	OBS	00078	- 1.36	32.93	26.51		1441.4							
	OBS	00079	- 1.27	32.92	26.50		1441.8							
	STO	00100	- 1.44	33.02	26.58	00.172	1441.5							
	OBS	00100	- 1.44	33.02	26.58		1441.5							
	STO	00125	- 1.42	33.11	26.65	00.208	1442.1							
	OBS	00125	- 1.42	33.11	26.66		1442.1							
	STO	00150	- 1.41	33.20	26.73	00.242	1442.7							
	OBS	00150	- 1.41	33.20	26.73		1442.7							
	OBS	00163	- 1.54	33.26	26.78		1442.4							
	OBS	00177	- 1.42	33.31	26.82		1443.3							
	STO	00200	- 1.35	33.45	26.93	00.302	1444.2							
	OBS	00201	- 1.31	33.47	26.94		1444.4							
	OBS	00215	- 0.85	33.66	27.08		1447.1							
	OBS	00222	- 0.17	33.77	27.14		1450.5							
	OBS	00226	- 0.15	33.76	27.13		1450.6							
	STO	00250	- 0.24	33.85	27.21	00.352	1450.7							
	OBS	00251	- 0.24	33.86	27.22		1450.8							
	OBS	00276	00.83	34.12	27.37		1456.4							
	OBS	00251	01.26	34.23	27.43		1458.7							

REFID 31 8463	YEAR 1975	BTOP 00100	AIR TEMP 08.7	OIR MGT PER	WIND-OIA 00	INST STO RECORDER	TEM SQ 1307
CONSEC 0141	MONTH 06	SHIP EV	WET BULB 07.8	00 X 1	WIND-SPO 00	TRACE DIA 0	5 SQUARE 3
LAT 48 44.5M	DAY 18	DATA USE 1	BAROMETER 1011.5	SEA	WIND-FOR	DURATION 00.1	2 SQUARE B2
LONG 053 02.1M	HOOR 00.6	AREA 05	CLOUD T/6	CL/T8	WEATHER X2	ORIG 011 920	1 SQUARE B3

CASINUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DTMDPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
00.6	STO	00000	05.64	31.58	24.52	00.000	1469.1							
	OBS	00001	05.64	31.58	24.92		1469.1							
	OBS	00003	05.32	31.49	24.89		1467.7							
	OBS	00005	04.13	31.77	25.23		1463.2							
	OBS	00007	02.62	31.88	25.45		1456.8							
	OBS	00009	02.14	31.88	25.49		1454.8							
	STO	00010	02.08	31.91	25.52	00.028	1454.5							
	OBS	00011	01.91	31.99	25.59		1453.9							
	STO	00020	01.23	32.21	25.82	00.051	1451.4							
	OBS	00020	01.18	32.23	25.83		1451.2							
	STO	00030	00.87	32.32	25.93	00.072	1450.0							
	OBS	00030	00.82	32.33	25.93		1449.8							
	OBS	00034	00.38	32.40	26.01		1448.0							
	OBS	00036	- 0.11	32.45	26.08		1445.8							
	OBS	00038	- 0.33	32.52	26.14		1445.0							
	STO	00050	- 0.34	32.66	26.26	00.111	1445.3							
	OBS	00051	- 0.36	32.68	26.27		1445.3							
	STO	00075	- 1.18	32.93	26.50	00.152	1442.7							
	OBS	00076	- 1.21	32.94	26.51		1442.1							
	OBS	00089	- 1.47	33.03	26.59		1441.2							
	OBS	00093	- 1.47	33.02	26.58		1441.2							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

M O D C S T A T I O N O A T A

REFID 31	8463	YEAR 1975	BOTOP 00137	AIR TEMP 08.0	OIR MGT PER	WIND-OIR 22	INST STO RECORDER	TEM SO 1307
CONSEC 0142	MONTH 04	SHIP EV	WET BULB 08.0	00 X A	WIND-SPO 05	TRACE OIR 0	5 SQUARE 3	
LAT 48 48.34	OAY 18	DATA USE 1	BAROMETER 1011.5	SEA	WIND-FOR	DURATION 00.1	2 SQUARE 82	
LONG 052 47.0W	MOUR 02.1	AREA 05	CLCUD T/A	CL/TR	WEATHER X2	ORIG 011 921	1 SQUARE 82	

CASHTM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPHT	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SI03	PH
02.1	STD	00000	04.25	31.64	25.12	00.000	1463.4							
	085	00001	04.25	31.64	25.12		1463.4							
	085	00003	04.18	31.61	25.10		1463.1							
	085	00009	03.61	31.76	25.27		1461.0							
	STD	00010	03.35	31.80	25.33	00.028	1455.9							
	085	00011	02.72	31.91	25.47		1457.4							
	085	00013	02.14	32.05	25.62		1455.1							
	085	00015	01.06	32.28	25.88		1450.6							
	085	00017	00.69	32.52	26.06		1449.3							
	STD	00020	00.38	32.57	26.15	00.050	1448.0							
	085	00022	00.11	32.62	26.20		1446.9							
	085	00026	- 0.21	32.69	26.28		1445.6							
	STD	00030	- 0.24	32.72	26.30	00.068	1445.5							
	085	00030	- 0.26	32.73	26.31		1445.4							
	085	00036	- 0.68	32.79	26.37		1443.7							
	085	00038	- 0.52	32.77	26.35		1444.4							
	085	00040	- 0.64	32.79	26.37		1443.9							
	STD	00050	- 0.90	32.86	26.44	00.101	1443.0							
	085	00051	- 0.93	32.87	26.45		1442.9							
	STD	00075	- 1.26	32.94	26.51	00.140	1441.8							
	085	00076	- 1.27	32.94	26.51		1441.6							
	STD	00100	- 1.53	33.04	26.60	00.178	1441.1							
	085	00100	- 1.54	33.04	26.60		1441.1							
	085	00102	- 1.55	33.05	26.61		1441.1							
	STD	00125	- 1.41	33.18	26.71	00.212	1442.3							
	085	00127	- 1.41	33.18	26.71		1442.3							
	085	00129	- 1.41	33.18	26.71		1442.3							

REFID 31	8463	YEAR 1975	BOTOP 00347	AIR TEMP 07.5	OIR MGT PER	WIND-OIR 22	INST STO RECORDER	TEM SO 1307
CONSEC 0143	MONTH 06	SHIP EV	WET BULB 07.0	00 X X	WIND-SPO 12	TRACE CTR C	5 SQUARE 3	
LAT 48 54.0N	OAY 18	DATA USE 1	BAROMETER 1011.1	SEA	WIND-FOR	DURATION 00.2	2 SQUARE 82	
LONG 052 30.1W	MOUR 04.0	AREA 05	CLCUD T/A	CL/TR	WEATHER X2	ORIG 011 922	1 SQUARE 82	

CASHTM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPHT	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SI03	PH
04.0	STD	00000	04.32	30.07	23.87	00.000	1461.6							
	085	00000	04.32	30.07	23.87		1461.6							
	STD	00010	02.08	31.16	24.92	00.035	1453.5							
	085	00011	02.01	31.21	24.96		1453.3							
	085	00013	02.01	31.24	24.99		1453.4							
	085	00017	00.66	32.26	25.89		1448.8							
	085	00019	01.28	32.68	26.19		1452.2							
	STD	00020	01.80	32.70	26.17	00.060	1454.6							
	085	00020	02.14	32.73	26.17		1456.1							
	085	00022	02.43	32.81	26.21		1457.5							
	STD	00030	02.48	32.78	26.25	00.078	1453.6							
	085	00030	01.46	32.78	26.25		1453.5							
	085	00034	01.51	32.79	26.26		1453.6							
	085	00036	- 0.62	32.66	26.27		1443.8							
	085	00038	- 1.07	32.78	26.38		1441.9							
	085	00040	- 1.05	32.79	26.39		1442.0							
	STD	00050	- 1.28	32.85	26.44	00.112	1441.2							
	085	00051	- 1.31	32.87	26.46		1441.1							
	085	00053	- 1.10	32.91	26.49		1442.2							
	085	00057	- 0.09	33.00	26.52		1447.0							
	085	00059	00.02	32.97	26.49		1447.5							
	085	00062	- 1.43	32.93	26.51		1440.8							
	085	00064	- 1.34	32.99	26.56		1441.3							
	085	00066	- 1.10	32.96	26.53		1442.4							
	085	00070	- 1.28	33.04	26.60		1441.8							
	085	00072	- 1.14	33.02	26.58		1442.4							
	085	00074	- 0.22	33.06	26.59		1446.8							
	STD	00075	- 0.18	33.08	26.59	00.150	1447.0							
	085	00076	- 0.01	33.08	26.58		1447.8							
	085	00078	00.57	33.12	26.58		1450.6							
	085	00081	00.32	33.11	26.59		1449.5							
	085	00083	00.45	33.12	26.55		1450.3							
	085	00085	00.13	33.10	26.59		1448.7							
	085	00099	- 0.52	33.16	26.67		1446.0							
	STD	00100	- 0.76	33.15	26.67	00.185	1444.8							
	085	00100	- 0.97	33.15	26.68		1443.9							
	STD	00125	- 1.32	33.41	26.90	00.217	1443.0							
	085	00125	- 1.32	33.42	26.90		1443.0							
	STD	00150	- 1.17	33.58	27.03	00.244	1444.4							
	085	00150	- 1.16	33.58	27.03		1444.4							
	085	00175	- 0.67	33.75	27.15		1447.4							
	STD	00200	00.07	33.91	27.25	00.291	1451.4							
	085	00201	00.10	33.92	27.25		1451.6							
	085	00226	00.19	33.99	27.30		1452.5							
	STD	00250	00.44	34.06	27.34	00.330	1454.1							
	085	00251	00.45	34.06	27.34		1454.2							
	085	00276	00.75	34.16	27.41		1456.1							
	085	00298	01.20	34.25	27.45		1458.6							
	STD	00300	01.18	34.24	27.45	00.365	1458.5							
	085	00300	01.16	34.24	27.45		1458.5							
	085	00340	01.77	34.40	27.53		1462.0							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFID 31 8465	YEAR 1975	BDTOP 00294	AIR TEMP 05.9	DIA HGT PER	WIND-DIA 25	INST STD RECORDER	TEN SQ 1307
CONSEC 0144	MONTH 06	SHIP EV	WET BULB 05.4	00 X X	WIND-SPD 12	TAACE DIA 0	5 SQUARE 3
LAT 48 57.0N	DAY 18	DATA USE 1	BARCHETA 1011.0	SEA	WIND-FOR	DURATION 00.1	2 SQUARE 82
LONG 052 18.0W	MOON 05.8	AREA 05	CLOUD T/A	CL/7R	WEATHER X2	DR[G 011 923	1 SQUARE 82

CASTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYMPTH	SNO VEL	QXYG	PO4	TOT P	NO2	NO3	SIO3	PH
05.6	STD	00000	02.27	31.14	24.89	00.000	1454.2							
	OBS	00005	02.27	31.14	24.89		1454.3							
	OBS	00009	01.85	31.29	25.04		1452.7							
	STD	00010	01.90	31.40	25.13	00.030	1453.0							
	OBS	00011	02.05	31.75	25.39		1454.1							
	OBS	00013	02.22	32.28	25.80		1455.7							
	OBS	00019	02.55	32.67	26.09		1457.8							
	STD	00020	01.92	32.73	26.19	00.053	1455.1							
	OBS	00020	01.51	32.79	26.26		1453.4							
	OBS	00024	01.46	33.02	26.43		1453.6							
	OBS	00026	01.01	32.98	26.44		1451.5							
	STD	00030	01.06	32.98	26.45	00.070	1451.8							
	OBS	00030	01.08	32.99	26.45		1451.9							
	OBS	00032	01.18	33.02	26.47		1452.4							
	OBS	00036	00.30	32.95	26.49		1448.5							
	OBS	00038	00.52	33.05	26.53		1449.6							
	OBS	00040	00.63	32.99 P	26.47 00									
	OBS	00043	00.36	33.05	26.54		1449.0							
	OBS	00045	00.57	33.04	26.52		1449.9							
	STD	00050	00.44	33.02	26.51	00.101	1449.4							
	OBS	00051	00.26	33.02	26.52		1448.6							
	OBS	00053	- 0.09	33.05	26.56		1447.0							
	OBS	00055	- 0.09	33.05	26.56		1447.1							
	OBS	00057	00.16	33.09	26.58		1448.3							
	OBS	00060	00.34	33.14	26.61		1449.3							
	OBS	00070	- 0.22	33.12	26.62		1446.8							
	OBS	00074	- 0.07	33.18	26.66		1447.7							
	STD	00075	- 0.10	33.17	26.66	00.138	1447.5							
	OBS	00076	- 0.15	33.16	26.65		1447.3							
	OBS	00087	- 1.35	33.40	26.89		1442.4							
	STD	00100	- 1.35	33.41	26.90	00.170	1442.5							
	OBS	00100	- 1.34	33.42	26.91		1442.5							
	OBS	00110	- 1.01	33.52	26.98		1444.4							
	STD	00125	- 0.85	33.60	27.03	00.197	1445.5							
	OBS	00125	- 0.84	33.60	27.03		1445.5							
	STD	00150	- 0.61	33.75	27.15	00.221	1447.2							
	OBS	00150	- 0.58	33.76	27.15		1447.4							
	OBS	00154	- 0.28	33.82	27.19		1448.9							
	OBS	00163	00.12	33.88	27.22		1451.0							
	OBS	00177	00.25	33.96	27.28		1451.9							
	STD	00200	00.68	34.07	27.34	00.263	1454.4							
	OBS	00201	00.71	34.08	27.35		1454.6							
	OBS	00226	01.21	34.24	27.44		1457.5							
	STD	00250	01.54	34.36	27.52	00.296	1459.5							
	OBS	00251	01.57	34.37	27.52		1459.6							
	OBS	00276	02.42	34.63	27.66		1464.1							
	OBS	00285	02.46	34.64	27.67		1464.5							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MODEC STATION DATA

REFID 31 0463	YEAR 1975	BOTOP 00254	AIR TEMP 05.3	OIR HGT PER	WIND-OIR 34	INST STO RECORER	TEN SO 1307
CONSEC 0145	MONTH 06	SHIP EV	WET GULB 05.2	22 0 2	WIND-SPO 08	TRACE OIR 0	5 SQUARE 3
LAT 49 03.2N	DAY 18	DATA USE 1	BAROMETER 1015.0	SEA	WIND-FOR	DURATION 00.1	2 SQUARE 82
LONG 052 02.1W	MOOR 07.3	AREA 05	CLOUD T/A	CL/TR	WEATHER X2	ORIG 011 924	1 SQUARE 92

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
07.3	STD	00000	02.12	31.08	24.85	00.000	1453.4							
	OBS	00003	02.12	31.08	24.85		1453.5							
	OBS	00005	02.16	31.04	24.83		1453.7							
	OBS	00007	01.93	31.17	24.94		1452.8							
	OBS	00009	01.94	31.80	25.44		1453.6							
	STD	00010	02.17	31.98	25.57	00.028	1455.1							
	OBS	00011	02.62	32.42	25.88		1457.6							
	OBS	00013	02.73	32.83	26.20		1458.7							
	STD	00020	02.67	32.91	26.27	00.049	1458.7							
	OBS	00020	02.63	32.91	26.27		1458.5							
	OBS	00024	02.21	32.90	26.30		1456.7							
	STD	00030	01.10	32.84	26.33	00.068	1451.8							
	OBS	00030	00.95	32.63	26.33		1451.1							
	OBS	00032	00.41	32.88	26.40		1448.6							
	OBS	00036	- 0.15	32.91	26.45		1446.3							
	OBS	00038	- 0.21	32.91	26.45		1446.1							
	OBS	00040	- 0.40	32.95	26.49		1445.3							
	OBS	00045	- 0.48	32.99	26.53		1445.0							
	STD	00050	- 0.05	33.03	26.54	00.098	1447.2							
	OBS	00051	00.01	33.04	26.55		1447.5							
	OBS	00057	- 0.18	33.05	26.56		1446.7							
	OBS	00064	- 0.11	33.07	26.58		1447.2							
	OBS	00066	- 0.95	33.06	26.60		1443.3							
	STD	00075	- 1.36	33.23	26.75	00.133	1441.6							
	OBS	00076	- 1.39	33.24	26.76		1441.6							
	OBS	00081	- 1.49	33.28	26.80		1441.3							
	STD	00100	- 1.29	33.37	26.87	00.164	1442.7							
	OBS	00100	- 1.28	33.38	26.87		1442.8							
	STD	00125	- 0.98	33.57	27.01	00.192	1444.8							
	OBS	00125	- 0.96	33.59	27.03		1445.0							
	OBS	00127	- 0.90	33.66	27.08		1445.4							
	OBS	00133	- 0.31	33.73	27.12		1448.3							
	STD	00150	00.40	33.87	27.19	00.216	1452.0							
	OBS	00150	00.41	33.87	27.19		1452.1							
	OBS	00178	01.02	34.10	27.34		1455.6							
	OBS	00196	01.05	34.21	27.43		1456.2							
	STD	00200	01.23	34.24	27.44	00.255	1457.1							
	OBS	00203	01.50	34.28	27.45		1458.4							
	OBS	00206	01.73	34.35	27.49		1459.5							
	STD	00250	01.98	34.43	27.54	00.285	1461.3							
	OBS	00251	01.96	34.44	27.55		1461.5							
	OBS	00256	02.09	34.51	27.59		1462.3							
	OBS	00262	02.34	34.62	27.66		1463.6							
	OBS	00277	02.73	34.74	27.72		1465.7							
	OBS	00285	02.73	34.74	27.72		1465.8							

REFID 31 0463	YEAR 1975	BOTOP 00285	AIR TEMP 05.2	OIR HGT PER	WIND-OIR 33	INST STO RECORER	TEN SO 1307
CONSEC 0146	MONTH 06	SHIP EV	WET GULB 05.2	35 1 3	WIND-SPO 06	TRACE OIR 0	5 SQUARE 3
LAT 49 06.2N	DAY 18	DATA USE 1	BAROMETER 1012.1	SEA	WIND-FOR	DURATION 00.1	2 SQUARE 80
LONG 051 47.5W	MOOR 08.9	AREA 05	CLOUD T/A	CL/TR	WEATHER X2	ORIG 011 925	1 SQUARE 91

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
08.9	STD	00000	04.19	32.29	25.64	00.000	1464.0							
	OBS	00001	04.19	32.29	25.64		1464.0							
	OBS	00005	03.02	32.31	25.76		1459.1							
	OBS	00009	02.70	32.65	26.06		1456.3							
	STD	00010	02.46	32.67	26.09	00.021	1457.3							
	OBS	00011	01.89	32.70	26.16		1454.8							
	OBS	00013	01.31	32.72	26.22		1452.3							
	OBS	00015	01.01	32.67	26.36		1451.2							
	STD	00020	00.82	32.90	26.40	00.039	1450.4							
	OBS	00020	00.80	32.91	26.40		1450.4							
	STD	00030	00.80	32.94	26.42	00.056	1450.6							
	OBS	00030	00.80	32.94	26.45		1450.6							
	OBS	00049	00.35	32.84	26.45		1448.8							
	STD	00050	00.27	32.93	26.45	00.086	1448.5							
	OBS	00053	- 0.06	32.90	26.44		1447.0							
	OBS	00057	- 0.07	32.95	26.48		1447.1							
	OBS	00059	00.01	33.03	26.54		1447.6							
	OBS	00060	- 0.01	32.95 P	26.48		1447.6							
	STD	00075	- 1.21	33.15	26.65	00.125	1442.4							
	OBS	00076	- 1.26	33.17	26.70		1442.1							
	OBS	00085	- 1.46	33.34	26.84		1441.6							
	STD	00100	- 1.26	33.45	26.93	00.156	1442.9							
	OBS	00100	- 1.25	33.46	26.93		1443.0							
	STD	00125	- 0.68	33.69	27.11	00.182	1445.5							
	OBS	00125	- 0.67	33.69	27.11		1445.5							
	STD	00150	- 0.57	33.78	27.17	00.205	1447.5							
	OBS	00152	- 0.47	33.80	27.18		1446.0							
	OBS	00165	00.31	33.96	27.27		1452.0							
	OBS	00177	00.54	34.00	27.34		1453.4							
	OBS	00184	01.01	34.08	27.33		1455.6							
	OBS	00190	00.83	34.10	27.35		1455.0							
	STD	00200	01.11	34.20	27.41	00.245	1456.5							
	OBS	00201	01.16	34.21	27.42		1456.6							
	OBS	00226	01.65	34.32	27.48		1459.5							
	STD	00250	01.94	34.43	27.54	00.276	1461.4							
	OBS	00251	01.96	34.44	27.55		1461.5							
	OBS	00264	02.15	34.50	27.58		1462.6							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFID 31	8463	YEAR 1975	80TOP 00313	AIA TEMP	DT.1	DIR HGT PER	WIND-DIA 01	INST STC RECORDER	YEN SQ 1307
CONSEC	0147	MONTH 06	SHIP EV	WET BULB	06.1	35 0 2	WIND-SPO 08	TRACE DIA	5 SQUARE 3
LAT 49	09.0N	DAY 18	DATA USE 1	BAROMETER	1013.0	SEA	WIND-FOA	DURATION	00.1
LONG 051	56.5W	HOOR 10.5	AREA 05	CLOUD T/A		CL/TR	WEATHER X2	ORIG 011 926	2 SQUARE 00
									1 SQUARE 91

CASHTUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SNO VEL	OXYG	PO4	TOT P	MO2	MO3	SIO3	PH
	STO	00000	04.41	32.04	25.42		1464.6							
10.3	OBS	00001	04.41	32.04	25.42	00.000	1464.6							
	OBS	00003	02.98	32.00	25.52		1458.5							
	OBS	00007	02.89	32.67	26.06		1459.1							
	OBS	00009	02.48	32.62	26.05		1457.3							
	STO	00010	02.85	32.65	26.04	00.023	1458.9							
	OBS	00013	03.19	32.71	26.07		1460.5							
	OBS	00015	01.72	32.86	26.14		1454.1							
	OBS	00017	01.14	32.69	26.20		1451.5							
	STO	00020	00.74	32.67	26.21	00.042	1449.8							
	OBS	00020	00.84	32.66	26.21		1445.3							
	OBS	00026	00.30	32.78	26.32		1448.0							
	OBS	00028	- 0.23	32.82	26.38		1445.7							
	STO	00030	- 0.07	32.82	26.37	00.059	1446.4							
	OBS	00032	00.03	32.80	26.35		1446.6							
	OBS	00034	- 0.06	32.78	26.34		1446.5							
	OBS	00043	- 0.13	32.87	26.42		1446.5							
	STO	00050	- 1.02	32.87	26.45	00.092	1442.4							
	OBS	00051	- 1.12	32.87	26.45		1442.0							
	OBS	00055	- 1.19	33.00	26.56		1441.4							
	OBS	00057	- 0.93	32.97	26.53		1443.1							
	OBS	00059	- 0.91	32.99	26.54		1443.3							
	OBS	00062	- 1.23	32.96	26.53		1441.8							
	STO	00075	- 1.50	33.03	26.60	00.129	1440.8							
	OBS	00076	- 1.91	33.04	26.60		1440.8							
	OBS	00085	- 1.57	33.10	26.65		1440.7							
	STO	00100	- 1.52	33.14	26.68	00.165	1441.3							
	OBS	00100	- 1.51	33.14	26.68		1441.3							
	STO	00125	- 1.00	33.40	26.88	00.196	1444.5							
	OBS	00127	- 0.95	33.43	26.90		1444.8							
	STO	00150	- 0.59	33.71	27.11	00.223	1447.3							
	OBS	00150	- 0.58	33.71	27.11		1447.3							
	OBS	00175	- 0.01	33.88	27.22		1450.6							
	OBS	00188	00.43	33.98	27.28		1452.9							
	STO	00200	00.37	34.02	27.32	00.266	1452.9							
	OBS	00201	00.36	34.03	27.33		1452.9							
	OBS	00211	00.35	34.06	27.35		1453.1							
	OBS	00217	00.83	34.14	27.39		1455.5							
	OBS	00226	01.04	34.22	27.44		1456.7							
	STO	00250	01.63	34.33	27.48	00.300	1459.8							
	OBS	00251	01.86	34.34	27.49		1460.0							
	OBS	00260	01.91	34.46	27.57		1461.4							
	OBS	00262	02.94 P	34.44	27.47									
	OBS	00264	01.94	34.44	27.55		1461.6							
	OBS	00276	02.00	34.48	27.58		1462.1							
	STO	00300	02.09	34.52	27.60	00.325	1462.6							
	OBS	00302	02.16	34.54	27.61		1463.3							
	OBS	00306	02.28	34.57	27.63		1464.0							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

N O O C S T A T I O N D A T A

REFID 31 4463	YEAR 1975	BOTOP 00317	AIR TEMP 05.8	OIR MGT PER	WIND-OIR 05	INST STO RECORDER	TEN SG 1307
CONSEC 0148	MONTH 06	SHIP EY	WET BULB 05.8	00 X A	WIND-SPO 10	TRACE OIR 0	5 SQUARE 3
LAT 49 16.1N	DAY 18	DATA USE 1	BAROMETR 1016.0	SEA	WIND-FOR	DURATION 00.1	2 SQUARE 80
LONG 051 20.0W	HOOR 12.3	AREA 05	CLCUO T/A	CL/7R	HEATHER X4	ORIG 011 927 30	1 SQUARE 91

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OVNPTH	SNO VEL	QXVC	PO4	TGT 7	NO2	NO3	S103	PH
12.3	STD	00000	02.96	32.15	25.64									
	OBS	00001	02.96	32.15	25.64	00.000	1458.6							
	STD	00010	02.53	32.64	26.07									
	OBS	00011	02.50	32.70	26.12	00.022	1457.5							
	STD	00020	02.55	32.65	26.23									
	OBS	00020	02.57	32.86	26.24	00.040	1458.0							
	OBS	00026	02.79	32.92	26.27		1456.3							
	STD	00030	02.47	32.88	26.26									
	OBS	00030	02.38	32.88	26.27	00.056	1457.9							
	OBS	00034	01.31	32.87	26.34		1452.8							
	OBS	00036	01.02	32.90	26.38		1451.6							
	OBS	00038	00.90	32.53	26.41		1451.1							
	OBS	00040	00.89	32.92	26.40		1451.1							
	OBS	00043	00.66	33.01	26.49		1450.3							
	OBS	00045	00.89	33.01	26.48		1451.3							
	STD	00050	00.54	33.01	26.50									
	OBS	00053	00.40	33.01	26.50	00.091	1449.2							
	OBS	00057	00.37	32.98	26.48		1449.1							
	OBS	00060	- 0.24	33.02	26.54		1446.4							
	OBS	00068	- 0.20	33.05	26.56		1446.8							
	OBS	00072	00.07	33.11	26.60		1448.2							
	STD	00075	00.14	33.12	26.60									
	OBS	00076	00.14	33.12	26.61	00.129	1448.5							
	OBS	00080	- 0.86	33.27	26.77		1446.4							
	OBS	00093	- 0.36	33.40	26.85		1447.0							
	OBS	00097	- 0.91	33.37	26.85		1446.4							
	OBS	00099	- 0.65	33.45	26.92		1446.4							
	STD	00100	- 0.94	33.44	26.91									
	OBS	00100	- 0.94	33.43	26.90	00.161	1446.4							
	OBS	00104	- 0.68	33.48	26.93		1446.4							
	OBS	00106	- 0.65	33.49	26.94		1446.0							
	OBS	00116	- 0.95	33.56	27.01		1446.8							
	STD	00125	- 0.41	33.62	27.04									
	OBS	00127	- 0.26	33.66	27.06	00.188	1447.5							
	OBS	00133	- 0.61	33.78	27.17		1446.3							
	OBS	00139	- 0.34	33.80	27.18		1447.0							
	OBS	00139	- 0.34	33.80	27.18		1446.4							
	STD	00150	- 0.29	33.86	27.22									
	OBS	00150	- 0.29	33.86	27.22	00.212	1448.8							
	OBS	00175	00.14	34.06	27.36		1448.5							
	OBS	00182	00.74	34.09	27.35		1451.5							
	STD	00200	00.87	34.19	27.43									
	OBS	00203	01.01	34.21	27.43	00.250	1454.4							
	OBS	00209	01.30	34.23	27.43		1456.1							
	OBS	00226	01.47	34.37	27.53		1457.6							
	STD	00250	01.99	34.44	27.54									
	OBS	00251	02.00	34.44	27.55	00.281	1458.8							
	OBS	00276	02.00	34.50	27.59		1461.5							
	STD	00300	02.60	34.71	27.71									
	OBS	00300	02.61	34.71	27.71	00.305	1462.1							
	OBS	00310	02.67	34.72	27.71		1465.4							
							1465.5							
							1465.9							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

N C D C S T A T I C A O A T A

FFIC 31 8463	YEAR 1975	8CTOP 00333	AIR TEMP 06.0	OIR PCT PER	WIND-OIR 07	INST STD RECORER	TEN SO 1307
CONSEC 0145	MONTH 06	SHIP EV	WET BULB 06.0	00 A X	WIND-SPO 06	TRACE DIR 0	5 SQUARE 3
LAT 45 21.0N	DAY 18	DATA USE 1	BARCHMETR 1016.2	SEA	WIND-FDR	DURATICA 00.2	2 SQUARE 80
LONG 051 08.0W	HOOR 13.9	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG 011 528 25	1 SQUARE 51

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNPTM	SND VEL	ORIG	PD4	TOT P	MO2	MO3	SIG3	PH
13.9	STO	00000	04.94	32.35	25.61	00.000	1467.2							
	OBS	00001	04.94	32.35	25.61		1467.3							
	OBS	00003	04.87	32.37	25.63		1467.0							
	OBS	00005	04.30	32.35	25.65		1465.5							
	OBS	00007	03.55	32.81	26.11		1462.1							
	STO	00010	03.29	32.91	26.21	00.021	1461.2							
	OBS	00011	03.16	32.55	26.26		1460.7							
	STO	00020	02.84	32.98	26.31	00.035	1459.5							
	OBS	00020	02.81	32.58	26.31		1455.4							
	OBS	00022	02.74	32.97	26.31		1459.1							
	OBS	00028	01.45	32.59	26.42		1453.7							
	STO	00030	01.27	33.03	26.47	00.055	1452.8							
	OBS	00030	01.21	33.04	26.48		1452.6							
	OBS	00036	01.18	33.06	26.50		1452.6							
	OBS	00040	01.11	33.15	26.57		1452.4							
	OBS	00045	00.63	33.19	26.64		1450.5							
	STO	00050	00.49	33.20	26.65	00.085	1449.9							
	OBS	00051	00.12	33.22	26.69		1448.2							
	OBS	00053	- 0.36	33.25	26.73		1446.1							
	OBS	00059	- 0.54	33.42	26.89		1443.7							
	OBS	00062	- 0.45	33.42	26.88		1445.5							
	STO	00075	- 0.63	33.61	27.04	00.115	1445.7							
	OBS	00076	- 0.65	33.63	27.05		1445.6							
	OBS	00078	- 0.69	33.60	27.03		1445.4							
	OBS	00083	- 0.22	33.71	27.10		1447.5							
	OBS	00089	- 0.40	33.71	27.11		1447.1							
	STO	00100	- 0.34	33.82	27.19	00.139	1447.7							
	OBS	00100	- 0.32	33.82	27.19		1447.8							
	OBS	00104	- 0.18	33.82	27.18		1448.6							
	STO	00125	00.33	33.96	27.27	00.160	1451.4							
	OBS	00125	00.34	33.96	27.27		1451.5							
	STO	00150	00.70	34.11	27.37	00.180	1453.7							
	OBS	00150	00.71	34.11	27.37		1453.8							
	OBS	00175	01.19	34.28	27.48		1456.6							
	OBS	00184	01.27	34.33	27.51		1457.2							
	OBS	00188	01.53	34.36	27.52		1458.4							
	STO	00200	01.60	34.38	27.53	00.212	1459.0							
	OBS	00201	01.62	34.39	27.53		1459.1							
	OBS	00226	02.09	34.54	27.62		1461.8							
	STO	00250	02.31	34.59	27.64	00.238	1463.2							
	OBS	00251	02.32	34.59	27.64		1463.2							
	OBS	00276	02.52	34.66	27.68		1464.6							
	STO	00300	02.66	34.72	27.71	00.260	1465.7							
	OBS	00300	02.66	34.72	27.71		1465.7							
	OBS	00325	02.71	34.72	27.71		1466.3							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

NOOC STATION DATA

REFID 31	8463	YEAR 1975	BOTDP 00335	AIR TEMP 06.5	DIR HGT PER	WIND-OIA 05	INST STO RECORDER	TEN SQ 1307
CONSEC 0150		MONTH 04	SHIP EV	WET BULB 06.1	00 X A	WIND-SPO 09	TRACE OIA 0	5 SQUARE 3
LAT 49 25.0N		DAY 18	DATA USE 1	BAROMETR 1016.2	SEA	WIND-FDA	DURATION 00.2	2 SQUARE 80
LONG 050 51.0W		HOUR 15.8	AREA 05	CLOUD T/A	CL/TR	WEATHER X1	ORIG 011 925 19	1 SQUARE 90

CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
15.8	STO	00000	04.36	33.08	26.23	00.000	1466.6							
	OBS	00001	04.5A	33.08	26.23		1466.7							
	OBS	00005	04.41	33.08	26.24		1466.1							
	OBS	00007	03.60	33.01	26.27		1462.6							
	OBS	00009	03.28	33.12	26.38		1461.4							
	STO	00010	03.28	33.12	26.38	00.017	1461.4							
	OBS	00011	03.21	33.12	26.35		1461.1							
	OBS	00013	02.96	33.10	26.40		1460.1							
	STO	00020	02.90	33.22	26.50	00.033	1460.1							
	OBS	00020	02.87	33.24	26.52		1460.0							
	STO	00030	02.27	33.38	26.68	00.048	1457.7							
	OBS	00030	02.21	33.40	26.70		1457.5							
	OBS	00034	01.64	33.56	26.87		1455.3							
	OBS	00038	01.27	33.57	26.50		1453.7							
	OBS	00040	00.78	33.54	26.91		1451.5							
	OBS	00041	00.52	33.66	27.02		1450.5							
	STO	00050	00.43	33.72	27.07	00.072	1450.3							
	OBS	00051	00.42	33.74	27.09		1450.3							
	OBS	00053	00.71	33.78	27.10		1451.7							
	OBS	00055	00.77	33.80	27.12		1452.0							
	OBS	00057	00.19	33.82	27.17		1449.5							
	OBS	00062	00.13	33.88	27.22		1449.4							
	OBS	00070	00.43	33.92	27.23		1450.5							
	OBS	00074	01.03	33.56	27.23		1453.7							
	STO	00075	00.77	33.93	27.22	00.055	1452.5							
	OBS	00076	00.43	33.89	27.21		1451.0							
	STO	00100	00.81	34.04	27.31	00.115	1453.3							
	OBS	00102	00.87	34.06	27.32		1453.6							
	STO	00123	01.51	34.24	27.42	00.133	1457.1							
	OBS	00123	01.51	34.24	27.42		1457.1							
	OBS	00140	01.41	34.28	27.46		1457.0							
	OBS	00146	01.85	34.33	27.47		1459.1							
	STO	00150	01.76	34.31	27.46	00.150	1458.8							
	OBS	00152	01.72	34.30	27.45		1458.6							
	OBS	00156	01.67	34.28	27.44		1458.4							
	OBS	00175	01.47	34.36	27.52		1457.9							
	STO	00200	01.89	34.4E	27.55	00.175	1460.4							
	OBS	00201	01.92	34.45	27.59		1460.5							
	OBS	00228	02.41	34.63	27.66		1463.3							
	STO	00230	02.59	34.70	27.70	00.202	1464.5							
	OBS	00251	02.60	34.70	27.70		1464.6							
	OBS	00276	02.77	34.78	27.74		1465.8							
	STO	00300	02.92	34.81	27.76	00.222	1466.5							
	OBS	00300	02.92	34.81	27.76		1467.0							
	OBS	00325	02.92	34.81	27.76		1467.4							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFID 31 8463	YEAR 1975	BOTOP 00327	AIR TEMP 07.0	OIR MGT PER	WIND-DIR 04	INST STC RECORDER	TEN SQ 1307
CONSEC 0151	MONTH 06	SHP LV	WET BULB 06.5	00 P A	WIND-SPO 09	TRACE OIR 0	5 SQUARE 3
LA° 49 23.6N	DAY 18	DATA USE 1	BAPCNETR 1016.5	SEA	WIND-FOR	DURATION 00.1	2 SQUARE 80
LONG 030 37.0W	MOUR 17.2	AREA 05	CLOUD 7/4	CL/7R	WEATHER XZ	ORIG 011 930 19	3 SQUARE 90

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYMPTM	SND VEL	OXYG	PO4	TOT P	MO2	MO3	S103	PH
17.2	STO	00000	04.82	32.80	25.98	00.000	1467.3							
	085	00001	04.82	32.80	25.98		1467.4							
	085	00003	04.66	32.88	26.06		1466.8							
	STO	00010	03.61	33.07	26.31	00.019	1462.6							
	085	00011	03.46	33.10	26.35		1462.7							
	STO	00020	03.25	33.13	26.39	00.036	1461.5							
	085	00020	03.22	33.13	26.40		1461.4							
	STO	00030	02.84	33.15	26.45	00.052	1459.9							
	085	00030	02.81	33.16	26.46		1459.8							
	085	00036	02.33	33.31	26.62		1458.0							
	085	00040	02.36	33.48	26.75		1458.4							
	085	00043	01.34	33.49	26.83		1454.0							
	085	00049	- 0.31	33.57	26.99		1446.7							
	STO	00050	- 0.17	33.63	27.03	00.078	1447.4							
	085	00051	00.15	33.76	27.12		1449.1							
	085	00055	00.45	33.76	27.10		1450.5							
	085	00059	00.20	33.73	27.09		1449.6							
	085	00074	00.66	33.84	27.16		1451.9							
	STO	00075	00.64	33.84	27.16	00.103	1451.6							
	085	00076	00.55	33.83	27.15		1451.5							
	085	00079	00.36	33.90	27.22		1450.7							
	STO	00100	00.51	34.07	27.35	00.123	1452.0							
	085	00100	00.52	34.07	27.35		1452.0							
	STO	00125	00.70	34.10	27.36	00.142	1453.3							
	085	00125	00.72	34.12	27.38		1453.4							
	085	00127	00.79	34.16	27.42		1453.9							
	085	00131	01.37	34.22	27.42		1456.6							
	085	00146	01.64 P	34.21	27.3900									
	085	00146	01.33	34.23	27.43		1456.7							
	STO	00150	01.32	34.25	27.44	00.159	1456.7							
	085	00152	01.30	34.27	27.46		1456.7							
	085	00156	01.50	34.28	27.45		1457.6							
	085	00175	01.40	34.32	27.49		1457.6							
	STO	00200	01.58	34.40	27.55	00.189	1458.9							
	085	00201	01.60	34.41	27.55		1459.0							
	085	00226	02.03	34.52	27.61		1461.5							
	STO	00250	02.40	34.62	27.66	00.214	1463.6							
	085	00255	02.47	34.64	27.67		1464.0							
	085	00277	02.71	34.72	27.71		1465.6							
	STO	00300	02.94	34.82	27.77	00.235	1467.1							
	085	00302	02.96	34.83	27.77		1467.2							
	085	00317	03.00	34.83	27.77		1467.6							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFID 91 8443	YEAR 1975	BOTOP 00329	AIR TEMP 06.4	OJA MGT PER	WIND-OIR 04	IMST STC RECORDER	TEM SG 1307
CONSEC 0152	MONTH 06	SHIP EV	WET BULB 05.9	00 1 1	WIND-SPO 10	TRACE OIR 0	5 SQUARE 3
LAT 48 33.5N	DAY 18	DATA USE 1	BARCHETA 1016.8	SE4	WIND-FOR	DURATION 00.3	2 SQUARE 80
LONG 353 23.5W	MOJA 18.5	AREA 05	CLOUD T/6	CL/TR	WEATHER A1	ORIG 011 931 27	1 SQUARE 90

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SND VEL	DRYG	PO4	TOT_P	NO2	NO3	SIO3	PH
18.5	STO	00000	04.80	32.90	26.06	00.000	1467.4							
	OBS	00001	04.80	32.90	26.06		1467.4							
	OBS	00009	04.48	32.83	26.04		1466.1							
	STO	00010	04.15	32.87	26.10	00.019	1464.8							
	OBS	00011	03.38	32.97	26.26		1461.7							
	OBS	00016	02.96	32.98	26.30		1460.0							
	STO	00020	02.53	32.99	26.36	00.037	1457.3							
	OBS	00022	01.02	33.00	26.46		1451.5							
	STO	00030	01.00	33.03	26.48	00.054	1451.6							
	OBS	00030	00.95	33.03	26.49		1451.6							
	OBS	00038	00.40	33.02	26.50		1449.9							
	OBS	00040	00.13	33.01	26.52		1447.8							
	OBS	00041	00.13	33.16	26.64		1448.0							
	OBS	00045	- 0.61	33.23	26.73		1444.8							
	OBS	00047	- 0.74	33.34	26.82		1444.4							
	STO	00050	- 0.54	33.34	26.82	00.082	1445.3							
	OBS	00051	- 0.45	33.35	26.82		1445.8							
	OBS	00055	- 0.32	33.38	26.84		1446.5							
	OBS	00059	- 1.03	33.37	26.86		1443.2							
	STO	00075	- 0.83	33.55	26.99	00.110	1444.7							
	OBS	00076	- 0.80	33.56	27.00		1444.9							
	OBS	00095	- 0.06	33.73	27.11		1448.8							
	OBS	00097	- 0.06	33.70	27.08		1448.8							
	OBS	00099	- 0.27	33.74	27.12		1447.9							
	STO	00100	- 0.23	33.75	27.13	00.136	1448.1							
	OBS	00100	- 0.20	33.76	27.14		1448.3							
	OBS	00118	- 0.01	33.93	27.26		1449.7							
	OBS	00121	00.48	33.65	27.25		1452.0							
	STO	00125	00.42	33.96	27.26	00.156	1451.8							
	OBS	00125	00.41	33.96	27.27		1451.8							
	OBS	00140	00.94	34.07	27.32		1454.6							
	STO	00150	00.95	34.13	27.37	00.177	1454.6							
	OBS	00152	00.96	34.14	27.38		1455.0							
	OBS	00175	01.05	34.22	27.44		1455.6							
	STO	00200	01.46	34.35	27.51	00.206	1458.3							
	OBS	00201	01.45	34.36	27.52		1458.5							
	OBS	00226	01.91	34.47	27.58		1460.6							
	STO	00250	02.31	34.61	27.66	00.235	1463.2							
	OBS	00251	02.33	34.62	27.66		1463.3							
	OBS	00277	02.52	34.67	27.69		1464.7							
	STO	00300	02.75	34.76	27.73	00.257	1468.3							
	OBS	00300	02.80	34.76	27.73		1468.4							
	OBS	00323	02.92	34.80	27.75		1467.3							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

NOOC STATION DATA

REFID 31 8463	YEAR 1975	BOTOP 00355	AIR TEMP 04.0	DIR FGT PER	WIND-OIR 05	INST STO RECORDE	TEW SC 1307
CONSEC 0153	MONTH 06	SHIP EV	WET BULB 05.6	35 0 2	WIND-SPC 09	TRACE CIR 0	5 SQUARE 3
LAT 45 36.5N	DAY 18	DATA USE 1	BAROMETR 1017.2	SEA	WIND-FOR	DURATION 00.2	2 SQUARE 80
LONG 050 10.0W	HOOR 20.5	AREA 05	CLCUD T/A	CL/TR	WEATHER X1	DRIG 011 932 15	1 SQUARE 90

CASNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGNA-T	DYNOPTH	SNO VEL	OXYG	PO4	TOT-P	NO2	NO3	SI03	PH
20.5	STO	C0000	04.75	32.91	26.07		1467.2							
	OBS	00003	04.75	32.91	26.07	00.000	1467.3							
	OBS	00005	04.76	32.68	26.04 *		1467.4							
	OBS	00007	03.44	32.81	26.12		1461.7							
	OBS	00009	02.82	32.93	26.27		1455.2							
	STO	C0010	02.76	32.94	26.29	00.016	1459.0							
	OBS	00011	02.67	32.97	26.32		1458.6							
	STO	C0020	02.58	32.96	26.32	00.036	1456.3							
	OBS	00020	02.53	32.96	26.32		1458.1							
	OBS	00024	02.24	33.00	26.38		1457.0							
	OBS	00026	00.73	33.12	26.57		1450.4							
	STO	C0030	00.27	33.21	26.67	00.051	1448.5							
	OBS	00030	00.20	33.22	26.68		1448.2							
	OBS	00038	- 1.02	33.46	26.93		1443.1							
	OBS	00041	00.84	33.65	26.99		1451.9							
	OBS	00043	01.08	33.63	26.96 *		1453.0							
	OBS	00045	02.04	33.60	27.03		1457.5							
	OBS	00049	02.30	33.62	27.03		1456.8							
	STO	C0050	02.08	33.79	27.02	00.076	1457.8							
	OBS	00051	01.58	33.72	27.00		1455.5							
	OBS	00057	01.50	33.68	26.97 *		1455.2							
	OBS	00059	00.34	33.63	27.01		1445.9							
	OBS	00060	- 0.34	33.64	27.05		1446.8							
	OBS	00062	- 0.53	33.73	27.13		1446.1							
	STO	C0075	- 0.27	33.79	27.17	00.100	1447.6							
	OBS	00076	- 0.24	33.60	27.17		1447.6							
	OBS	00085	00.12	33.86	27.22		1449.7							
	OBS	00089	00.42	33.90	27.22		1451.2							
	STO	C0100	00.61	33.99	27.28	00.121	1452.3							
	OBS	00100	00.62	34.00	27.25		1452.4							
	OBS	00119	00.62	34.10	27.37		1452.8							
	OBS	00121	01.15	34.15	27.37		1455.3							
	OBS	00123	00.84	34.10	27.35		1453.5							
	STO	C0125	00.63	34.11	27.37	00.140	1453.9							
	OBS	00125	00.82	34.12	27.37		1453.9							
	STO	C0150	01.09	34.24	27.45	00.158	1455.7							
	OBS	00150	01.10	34.24	27.45		1455.7							
	OBS	00175	01.64	34.38	27.52		1458.7							
	OBS	00196	01.96	34.49	27.59		1460.7							
	OBS	00199	02.38	34.52	27.58		1462.6							
	STO	C0200	02.36	34.52	27.58	00.187	1462.6							
	OBS	00201	02.36	34.52	27.58		1462.5							
	OBS	00226	02.09	34.54	27.62		1461.8							
	STO	C0250	02.25	34.61	27.66	00.212	1462.9							
	OBS	00251	02.26	34.61	27.66		1463.0							
	OBS	00276	02.59	34.70	27.70		1465.0							
	STO	C0300	02.74	34.78	27.75	00.232	1466.2							
	OBS	00300	02.75	34.78	27.75		1466.2							
	OBS	00350	03.07	34.86	27.75		1468.5							
	OBS	00354	03.07	34.86	27.79		1468.6							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFID 31 8463	YEAR 1973	BOTOP 00730	AIR TEMP 06.5	DIR PCT PER	WIND-DIR 06	INST STO RECORDER	TEN 50 1306
CONSEC 0154	MONTH 06	SHIP EV	WET BULB 06.1	04 0 2	WIND-SPO 09	TRACE DIR 0	5 SQUARE 4
LAT 49 42.0N	DAY 18	DATA USE 1	BAROMETR 1017.7	SEA	WIND-FOR	DURATION 00.3	2 SQUARE 88
LONG 049 55.1W	HOUR 22.7	AREA 05	CLOUD T/4	CL/TR	WEATHER A1	DRIG 011 933	1 SQUARE 95

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	ORYG	PD4	TOT P	MC2	MC3	S103	PM
22.7	STD	00000	04.07	33.15	26.36	00.000	1464.7							
	OBS	00003	04.07	33.19	26.36		1464.8							
	OBS	00007	03.27	33.38	26.39		1461.7							
	OBS	00009	03.40	33.33	26.71		1462.5							
	STD	00010	03.43	33.34	26.70	00.015	1462.6							
	OBS	00011	03.47	33.52	26.68		1462.8							
	OBS	00015	03.32	33.55	26.72		1462.3							
	STD	00020	02.47	33.84	27.03	00.027	1459.1							
	OBS	00020	02.39	33.90	27.08		1458.8							
	OBS	00022	02.29	34.03	27.19		1458.6							
	OBS	00024	00.93	33.90	27.19		1452.4							
	STD	00030	00.39	33.94	27.25	00.036	1450.1							
	OBS	00030	00.37	33.93	27.26		1450.0							
	OBS	00032	00.33	33.99	27.30		1449.9							
	OBS	00034	00.38	34.03	27.32		1450.3							
	OBS	00036	00.35	34.05	27.33		1451.1							
	OBS	00040	00.35	34.09	27.36		1451.2							
	STD	00050	01.06	34.17	27.40	00.052	1453.8							
	OBS	00051	01.12	34.18	27.40		1454.1							
	STD	00075	01.91	34.36	27.49	00.068	1458.2							
	OBS	00076	01.92	34.36	27.49		1458.3							
	OBS	00085	01.94	34.34	27.47		1458.5							
	STD	00100	01.68	34.37	27.51	00.083	1457.6							
	OBS	00100	01.66	34.37	27.51		1457.6							
	STD	00125	02.75	34.58	27.59	00.097	1463.0							
	OBS	00125	02.76	34.58	27.59		1463.1							
	STD	00150	02.48	34.64	27.67	00.105	1462.3							
	OBS	00152	02.47	34.65	27.67		1462.3							
	OBS	00175	02.60	34.69	27.70		1463.3							
	STD	00200	02.77	34.74	27.72	00.130	1464.6							
	OBS	00201	02.78	34.74	27.72		1464.6							
	OBS	00228	02.82	34.78	27.73		1465.2							
	STD	00250	02.86	34.77	27.74	00.149	1465.8							
	OBS	00251	02.86	34.77	27.74		1465.8							
	OBS	00276	02.90	34.79	27.75		1466.4							
	STD	00300	02.92	34.80	27.75	00.168	1466.9							
	OBS	00300	02.92	34.80	27.75		1467.0							
	OBS	00350	03.16	34.85	27.77		1468.9							
	STD	00400	03.14	34.86	27.78	00.203	1469.6							
	OBS	00401	03.14	34.86	27.78		1469.6							
	OBS	00453	03.28	34.89	27.79		1471.1							
	STD	00500	03.32	34.85	27.79	00.241	1472.1							
	OBS	00502	03.32	34.89	27.79		1472.1							
	OBS	00550	03.16	34.87	27.79		1472.2							
	STD	00600	03.14	34.87	27.79	00.277	1472.5							
	OBS	00601	03.14	34.87	27.79		1473.0							
	OBS	00651	03.11	34.88	27.80		1473.7							
	STD	00700	03.11	34.87	27.79	00.314	1474.5							
	OBS	00700	03.11	34.87	27.79		1474.5							
	OBS	00725	03.11	34.88	27.80		1474.5							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

N O O C S T A T I O N O A T A

REFID 31 8463	YEAR 1975	BOTDP 01114	AIR TEMP 08.5	DIA MGT PER	WIND-DIR 08	INST STO RECORDER	TEN SO 1306
CONSEC 0155	MONTH 04	3-1P EV	WET BULB 07.0	00 A A	WIND-SPD 07	TRACE DIR D	5 SQUARE 4
LA° 49 45.0N	DAY 19	DATA USE 1	BAROMETER 1016.1	SEA	WIND-FOR	DURATION 00.3	2 SQUARE 38
LONG 049 41.0W	MOOR 00.9	AREA 05	CLCUD 7/A	CL/TR	WEATHER X2	CALG 013 934	1 SQUARE 99

CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	GYNDEPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
00.5	STD	00000	06.08	33.99	26.77	00.000	1474.1							
065	00003	06.08	33.99	26.77			1474.1							
065	00005	06.06	33.98	26.76			1474.1							
STD	00010	05.21	34.06	26.93	00.012		1470.8							
065	00013	04.58	34.09	26.98			1469.9							
065	00015	05.02	34.10	26.98			1470.1							
STD	00020	04.83	34.12	27.02	00.023		1469.5							
065	00020	04.72	34.12	27.03			1469.0							
065	00022	04.41	34.11	27.06			1467.8							
065	00024	03.25	34.10	27.17			1462.9							
065	00026	02.76	34.30	27.37			1461.1							
STD	00030	02.65	34.41	27.45	00.032		1461.7							
065	00030	02.87	34.42	27.46			1461.8							
065	00034	03.09	34.45	27.46			1462.3							
065	00049	03.07	34.46	27.49			1463.0							
STD	00050	03.03	34.48	27.49	00.044		1462.9							
065	00053	02.32	34.48	27.51			1462.0							
065	00057	03.01 P	34.45	27.4700										
065	00064	02.38	34.50	27.56			1460.3							
STD	00075	02.55	34.53	27.57	00.058		1461.2							
065	00076	02.56	34.53	27.57			1461.3							
STD	00100	02.51	34.61	27.64	00.071		1461.6							
065	00100	02.51	34.61	27.64			1461.6							
STD	00125	02.59	34.66	27.67	00.082		1462.4							
065	00125	02.59	34.66	27.67			1462.4							
STD	00150	02.60	34.70	27.70	00.093		1462.9							
065	00150	02.60	34.70	27.70			1463.0							
065	00175	02.77	34.74	27.72			1464.1							
STD	00200	02.92	34.79	27.74	00.113		1465.3							
065	00203	02.94	34.79	27.74			1465.4							
065	00226	03.04	34.80	27.74			1466.2							
STD	00250	03.11	34.82	27.75	00.131		1466.6							
065	00251	03.11	34.82	27.75			1467.0							
065	00276	03.14	34.84	27.77			1467.5							
STD	00300	03.13	34.84	27.77	00.150		1467.9							
065	00300	03.13	34.84	27.77			1467.9							
065	00352	03.17	34.86	27.78			1469.0							
STD	00400	03.17	34.87	27.79	00.186		1469.8							
065	00401	03.17	34.87	27.79			1469.8							
065	00453	03.27	34.89	27.79			1471.1							
STD	00500	03.27	34.89	27.79	00.221		1471.9							
065	00500	03.27	34.89	27.79			1471.9							
065	00550	03.25	34.89	27.80			1472.6							
STD	00600	03.23	34.90	27.81	00.256		1473.4							
065	00601	03.23	34.90	27.81			1473.4							
065	00651	03.23	34.90	27.81			1474.2							
STD	00700	03.24	34.90	27.80	00.292		1475.1							
065	00700	03.24	34.90	27.80			1475.1							
065	00750	03.23	34.90	27.81			1475.9							
STD	00800	03.21	34.90	27.81	00.328		1476.6							
065	00801	03.21	34.90	27.81			1476.6							
065	00850	03.21	34.90	27.81			1477.9							
STD	00900	03.21	34.90	27.81	00.365		1478.3							
065	00900	03.21	34.90	27.81			1478.3							
065	00951	03.25	34.91	27.81			1479.3							
STD	01000	03.27	34.91	27.81	00.403		1480.2							
065	01001	03.27	34.91	27.81			1480.2							
065	01052	03.32	34.93	27.82			1481.3							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MODE STATION DATA

REFID 31 0443	YEAR 1975	BOTDP 01483	AIR TEMP 07.0	OIR MGT PER	WIND-OIR 12	INST STC RECORDER	TEN SO 1306
CONSEC 0154	MONTH 06	SHIP EV	WET BULB 06.5	00 R R	WIND-SPD 10	TRACE DIA 0	5 SQUARE 4
LAT 49 52.0N	DAY 19	DATA USE 1	BAROMETR 1016.7	SEA	WIND-FOR	DURATION 00.4	2 SQUARE 88
LONG 049 20.0W	MOOR 03-2	AREA 05	CLOUD T/A	CL/TR	WEATHER R2	DRIF 011 935	1 SQUARE 99

CAS/NUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SNO VEL	QXVG	PO4	TOT P	NO2	NO3	SIO3	PH
03.2	STD	00000	03.24	33.98	26.06	00.000	1470.7							
	OBS	00003	05.26	33.98	26.06		1470.0							
	STD	00010	04.90	34.06	26.96	00.012	1469.5							
	OBS	00011	04.82	34.07	26.98		1469.2							
	OBS	00017	04.52	34.12	27.05		1468.1							
	OBS	00019	03.89	34.18	27.15		1465.6							
	STD	00020	03.61	34.36	27.34	00.021	1464.7							
	OBS	00020	03.49	34.48	27.45		1464.3							
	OBS	00022	03.66	34.51	27.45		1465.1							
	OBS	00028	03.39	34.50	27.47		1464.1							
	STD	00030	03.25	34.47	27.46	00.026	1463.5							
	OBS	00030	03.21	34.46	27.46		1463.3							
	OBS	00032	03.10	34.46	27.47		1462.0							
	OBS	00034	02.62	34.40	27.46		1460.7							
	OBS	00040	02.23	34.36	27.48		1459.1							
	OBS	00041	01.16	34.37	27.45		1457.9							
	STD	00050	02.02	34.42	27.53	00.040	1458.4							
	OBS	00051	02.03	34.43	27.53		1458.5							
	OBS	00062	01.71	34.43	27.56		1457.2							
	STD	00075	01.74	34.45	27.57	00.053	1457.6							
	OBS	00076	01.75	34.45	27.57		1457.7							
	STD	00100	02.06	34.55	27.63	00.066	1459.6							
	OBS	00100	02.07	34.55	27.63		1459.6							
	STD	00125	02.34	34.62	27.66	00.078	1461.3							
	OBS	00175	02.34	34.62	27.66		1461.3							
	STD	00150	02.39	34.65	27.68	00.085	1462.0							
	OBS	00150	02.39	34.65	27.68		1462.0							
	OBS	00175	02.64	34.71	27.71		1463.5							
	STD	00200	02.69	34.77	27.73	00.105	1465.1							
	OBS	00701	02.90	34.77	27.73		1465.2							
	OBS	00226	03.02	34.79	27.74		1466.1							
	STD	00250	03.10	34.83	27.76	00.126	1466.6							
	OBS	00251	03.11	34.83	27.76		1467.0							
	OBS	00276	03.29	34.85	27.76		1468.2							
	STD	00300	03.27	34.86	27.77	00.146	1468.5							
	OBS	00300	03.27	34.86	27.77		1468.5							
	OBS	00350	03.29	34.87	27.78		1469.4							
	STD	00400	03.36	34.90	27.79	00.162	1470.6							
	OBS	00403	03.36	34.90	27.79		1470.7							
	OBS	00451	03.32	34.90	27.80		1471.3							
	STD	00500	03.30	34.89	27.79	00.217	1472.0							
	OBS	00500	03.30	34.89	27.79		1472.0							
	OBS	00550	03.25	34.85	27.80		1472.6							
	STD	00600	03.23	34.89	27.80	00.253	1473.4							
	OBS	00601	03.23	34.89	27.80		1473.4							
	OBS	00651	03.25	34.90	27.80		1474.3							
	STD	00700	03.25	34.90	27.80	00.285	1475.1							
	OBS	00702	03.25	34.90	27.80		1475.2							
	OBS	00730	03.17	34.89	27.80		1475.6							
	STD	00800	03.17	34.89	27.80	00.326	1476.4							
	OBS	00801	03.17	34.89	27.80		1476.4							
	OBS	00852	03.16	34.89	27.80		1477.3							
	STD	00900	03.21	34.90	27.81	00.363	1478.3							
	OBS	00900	03.21	34.90	27.81		1478.3							
	OBS	00951	03.17	34.89	27.80		1479.0							
	STD	01000	03.16	34.89	27.80	00.400	1479.7							
	OBS	01003	03.16	34.89	27.80		1479.8							
	OBS	01043	03.16	34.89	27.80		1480.4							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFID 31 8463	YEAR 1975	BOTOP 01784	AIR TEMP 08.6	OIR MGT PER	WIND-OIR 12	INST STO RECORDER	TEN SO 1306
CONSEC 0157	MONTH 04	SHIP BY	NET BULE 07.2	00 A X	WIND-SPD 10	TRACE OIR 0	5 SQUARE 4
LAT 45 59.7N	DAY 19	DATA USE 1	BAROMETR 1014.0	SEA	WIND-FOR	DURATION 00.3	2 SQUARE 88
LONG 049 01.6E	HOOR 05.9	AREA 05	CLCUO T/A	CL/T#	WEATHER X2	ORIG 011 936	1 SQUARE 95

CASSTHUR/TIME	LVL/TP	DEPTH	TEMP	SAL	SIGMA-T	DTMOPHT	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
05.6	STD	00000	07.45	34.49	26.97	00.000	1480.1							
	085	00005	07.43	34.49	26.97		1480.2							
	085	00009	07.43	34.47	26.97		1480.1							
	STD	00010	07.32	34.47	26.98	00.011	1475.8							
	085	00013	08.88	34.48	27.05		1478.1							
	STD	00020	06.25	34.53	27.17	00.021	1475.8							
	085	00020	06.20	34.53	27.18		1475.6							
	085	00024	06.07	34.54	27.20		1475.2							
	085	00026	05.59	34.46	27.20		1473.1							
	STD	00030	04.91	34.50	27.31	00.026	1470.5							
	085	00080	04.81	34.51	27.33		1470.1							
	085	00034	04.08	34.58	27.47		1467.2							
	085	00036	03.86	34.60	27.50		1466.3							
	085	00038	03.77	34.62	27.53		1466.0							
	STD	00050	03.56	34.64	27.58	00.042	1465.4							
	085	00051	03.54	34.66	27.58		1465.3							
	STD	00075	03.16	34.71	27.66	00.054	1464.1							
	085	00076	03.15	34.71	27.66		1464.1							
	STD	00100	02.96	34.76	27.72	00.065	1463.8							
	085	00108	02.96	34.76	27.72		1463.8							
	085	00108	02.94	34.78	27.74		1463.8							
	STD	00125	03.14	34.82	27.75	00.075	1465.0							
	085	00125	03.14	34.82	27.75		1465.0							
	STD	00150	03.14	34.84	27.76	00.084	1465.5							
	085	00150	03.14	34.84	27.76		1465.6							
	085	00173	03.29	34.84	27.77		1466.5							
	STD	00200	03.36	34.88	27.78	00.101	1467.3							
	085	00201	03.34	34.88	27.78		1467.3							
	085	00226	03.38	34.88	27.78		1467.7							
	STD	00250	03.30	34.89	27.79	00.118	1467.9							
	085	00251	03.30	34.89	27.79		1467.9							
	085	00276	03.30	34.88	27.78		1466.3							
	STD	00300	03.23	34.88	27.79	00.135	1468.4							
	085	00300	03.23	34.88	27.79		1468.4							
	085	00350	03.34	34.91	27.80		1469.7							
	STD	00400	03.34	34.91	27.80	00.165	1470.5							
	085	00401	03.34	34.91	27.80		1470.6							
	085	00433	03.34	34.91	27.80		1471.4							
	STD	00500	03.21	34.89	27.80	00.204	1471.6							
	085	00500	03.21	34.89	27.80		1471.6							
	085	00550	03.31	34.91	27.81		1472.6							
	STD	00600	03.17	34.89	27.80	00.239	1473.1							
	085	00601	03.17	34.89	27.80		1473.1							
	085	00652	03.16	34.89	27.80		1473.8							
	STD	00700	03.17	34.89	27.80	00.275	1474.8							
	085	00700	03.17	34.89	27.80		1474.8							
	085	00750	03.16	34.89	27.80		1475.6							
	STD	00800	03.16	34.80	27.81	00.311	1476.4							
	085	00801	03.16	34.90	27.81		1476.4							
	085	00852	03.16	34.90	27.81		1477.3							
	STD	00900	03.17	34.90	27.81	00.347	1478.1							
	085	00900	03.17	34.90	27.81		1478.1							
	085	00951	03.20	34.90	27.81		1476.1							
	STD	01000	03.20	34.90	27.81	00.385	1479.9							
	085	01001	03.20	34.90	27.81		1479.9							
	085	01020	03.19	34.90	27.81		1480.2							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFID 31 8443	YEAR 1975	BOTOP 02524	AIR TEMP 03.5	OIR MGT PEA	WIND-DIA 28	INST STC RECORDER	TEM SO 1407
CONSEC 0158	MONTH 06	S-IP 2V	WET GULG 03.0	GO X X	WIND-SPD 06	TRACE DIA C	5 SQUARE 3
LA 55 14.0M	DAY 29	DATA USR 1	BAROMETR 1023.0	SEA	WIND-FOR	DURATION 00.8	2 SQUARE 42
LONG 032 55.7M	MOUR 00.7	AREA 05	CLOUD 7/4	CL/7R	WEATHER X1	ORIG 011 937	1 SQUARE 52

CASINUM/TIME	LVLTP	DEPTM	TEMP	SAL	SIGMA-T	OTNDPTM	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
00.7	STD	00000	04.29	34.16	27.11	00.000	1466.5							
	OBS	00001	04.29	34.16	27.11		1467.0							
	STD	00010	04.29	34.17	27.12	00.010	1467.1							
	OBS	00011	04.29	34.17	27.12		1467.1							
	STD	00020	04.27	34.18	27.11	00.015	1467.2							
	OBS	00020	04.24	34.16	27.11		1467.2							
	STD	00030	04.11	34.18	27.15	00.025	1466.7							
	OBS	00032	04.06	34.19	27.16		1466.6							
	STD	00050	03.50	34.25	27.26	00.046	1464.5							
	OBS	00051	03.45	34.25	27.27		1464.3							
	OBS	00097	03.11	34.24	27.29		1463.0							
	OBS	00064	02.44	34.36	27.45		1460.4							
	STD	00075	02.16	34.44	27.54	00.064	1459.4							
	OBS	00076	02.14	34.43	27.54		1459.4							
	OBS	00093	02.09	34.47	27.56		1459.5							
	STD	00100	02.09	34.47	27.56	00.077	1459.6							
	OBS	00100	02.09	34.47	27.56		1459.6							
	STD	00125	02.16	34.54	27.61	00.090	1460.4							
	OBS	00125	02.16	34.54	27.61		1460.4							
	STD	00150	02.32	34.59	27.64	00.102	1461.6							
	OBS	00152	02.34	34.60	27.65		1461.7							
	OBS	00175	02.57	34.65	27.66		1463.2							
	STD	00200	02.77	34.70	27.69	00.125	1464.5							
	OBS	00201	02.78	34.70	27.65		1464.6							
	OBS	00226	02.98	34.74	27.70		1465.5							
	STD	00250	03.02	34.75	27.70	00.146	1466.5							
	OBS	00253	03.03	34.75	27.70		1466.6							
	OBS	00276	03.09	34.76	27.71		1467.2							
	STD	00300	03.25	34.75	27.72	00.167	1468.3							
	OBS	00300	03.25	34.79	27.72		1468.4							
	OBS	00350	03.50	34.86	27.75		1470.3							
	STD	00400	03.57	34.87	27.75	00.207	1471.5							
	OBS	00403	03.57	34.87	27.75		1471.5							
	OBS	00451	03.54	34.88	27.76		1472.2							
	STD	00500	03.53	34.88	27.76	00.246	1473.0							
	OBS	00502	03.53	34.88	27.76		1473.0							
	OBS	00550	03.48	34.88	27.77		1473.6							
	STD	00600	03.45	34.88	27.77	00.285	1474.3							
	OBS	00601	03.45	34.88	27.77		1474.3							
	OBS	00651	03.45	34.88	27.77		1474.9							
	STD	00700	03.39	34.88	27.77	00.324	1475.7							
	OBS	00702	03.39	34.88	27.77		1475.7							
	OBS	00750	03.38	34.89	27.78		1476.5							
	STD	00800	03.41	34.89	27.78	00.364	1477.5							
	OBS	00801	03.41	34.89	27.78		1477.5							
	OBS	00850	03.42	34.89	27.78		1478.3							
	STD	00900	03.45	34.90	27.78	00.403	1479.3							
	OBS	00900	03.45	34.90	27.78		1479.3							
	OBS	00951	03.44	34.90	27.79		1480.1							
	STD	01000	03.42	34.90	27.79	00.443	1480.5							
	OBS	01003	03.42	34.90	27.79		1480.9							
	STD	01100	03.46	34.91	27.79	00.484	1482.7							
	OBS	01100	03.46	34.91	27.79		1482.7							
	STD	01200	03.46	34.92	27.80	00.525	1484.4							
	OBS	01201	03.46	34.92	27.80		1484.4							
	STD	01300	03.45	34.92	27.80	00.566	1486.0							
	OBS	01302	03.45	34.92	27.80		1486.1							
	STD	01400	03.46	34.94	27.81	00.608	1487.8							
	OBS	01402	03.46	34.94	27.81		1487.8							
	STD	01500	03.46	34.94	27.81	00.649	1489.5							
	OBS	01500	03.46	34.94	27.81		1489.5							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATIGH DATA

REFID 31 8463	YEAR 1975	BOTOP 02550	AIR TEMP 03.0	DIA MGT PEA	WIND-OIR 24	INST STO RECORDER	TEM SO 1407
CONSEC 0155	MONTH 06	SHIP EV	WET BULO 02.4	00 A A	WIND-SPD 12	TRACE OIR C	5 SQUARE 3
LAT 55 06.5N	DAY 29	DATA USE 1	BAROMETR 1023.0	SEA	WIND-FDR	DURATION 00.5	2 SQUARE 42
LONG 053 01.6W	MOOR 04.3	AREA 05	CLCUD T/A	CL/T/F	WEATHER #2	ORIG 011 930	1 SQUARE 53

CASTNO/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNDEPTH	SND VEL	DRYG	PO4	TCT-P	MG2	MO3	S103	PH
04.3	STO	00000	03.17	34.13	27.20	00.000	1462.2							
	OBS	00003	03.17	34.130	27.20		1462.2							
	STO	00010	03.16	34.13	27.20	00.005	1462.3							
	OBS	00011	03.16	34.13	27.20		1462.3							
	OBS	00013	02.05	34.11	27.21		1461.0							
	STO	00020	02.50	34.18	27.30	00.017	1459.6							
	OBS	00020	02.44	34.19	27.31		1459.4							
	STO	00030	01.70	34.33	27.46	00.024	1456.5							
	OBS	00030	01.67	34.34	27.49		1456.4							
	STO	00050	01.42	34.43	27.58	00.035	1455.7							
	OBS	00051	01.40	34.44	27.59		1455.7							
	STO	00075	02.12	34.59	27.65	00.048	1459.5							
	OBS	00076	02.15	34.59	27.65		1459.6							
	STO	00100	02.56	34.65	27.67	00.059	1461.9							
	OBS	00100	02.57	34.65	27.67		1461.9							
	STO	00125	02.90	34.72	27.69	00.070	1463.9							
	OBS	00125	02.91	34.72	27.69		1463.9							
	STO	00150	03.05	34.74	27.69	00.080	1465.1							
	OBS	00150	03.09	34.74	27.69		1465.1							
	OBS	00175	03.15	34.75	27.69		1465.8							
	STO	00200	03.24	34.78	27.71	00.101	1466.7							
	OBS	00201	03.26	34.78	27.71		1466.8							
	OBS	00226	03.59	34.84	27.72		1468.6							
	STO	00250	03.66	34.85	27.72	00.122	1469.3							
	OBS	00251	03.66	34.85	27.72		1469.4							
	OBS	00276	03.53	34.85	27.74		1469.2							
	STO	00300	03.52	34.85	27.74	00.141	1469.6							
	OBS	00300	03.52	34.85	27.74		1469.6							
	OBS	00350	03.45	34.85	27.74		1470.1							
	STO	00400	03.36	34.85	27.75	00.161	1470.6							
	OBS	00403	03.36	34.85	27.75		1470.6							
	OBS	00451	03.36	34.85	27.75		1471.4							
	STO	00500	03.36	34.86	27.76	00.216	1472.2							
	OBS	00502	03.36	34.86	27.76		1472.3							
	OBS	00550	03.36	34.86	27.76		1473.0							
	STO	00600	03.59	34.87	27.77	00.258	1474.0							
	OBS	00601	03.55	34.87	27.77		1474.0							
	OBS	00631	03.42	34.88	27.77		1475.0							
	STO	00700	03.42	34.88	27.77	00.297	1475.8							
	OBS	00702	03.42	34.88	27.77		1475.6							
	OBS	00751	03.46	34.88	27.77		1476.9							
	STO	00800	03.46	34.88	27.77	00.338	1477.7							
	OBS	00801	03.46	34.88	27.77		1477.7							
	OBS	00850	03.42	34.85	27.78		1478.3							
	STO	00900	03.45	34.85	27.78	00.378	1479.3							
	OBS	00900	03.45	34.89	27.78		1479.3							
	OBS	00951	03.42	34.89	27.78		1480.0							
	STO	01000	03.41	34.89	27.78	00.415	1480.8							
	OBS	01001	03.41	34.89	27.78		1480.8							
	STO	01100	03.38	34.89	27.78	00.460	1482.3							
	OBS	01100	03.38	34.89	27.78		1482.3							
	STO	01200	03.36	34.89	27.78	00.502	1483.9							
	OBS	01201	03.36	34.89	27.78		1483.6							
	STO	01300	03.34	34.89	27.79	00.544	1485.5							
	OBS	01300	03.34	34.89	27.79		1485.5							
	STO	01400	03.25	34.88	27.79	00.587	1486.6							
	OBS	01401	03.25	34.88	27.79		1486.6							
	STO	01500	03.38	34.90	27.79	00.630	1489.1							
	OBS	01500	03.38	34.90	27.79		1489.1							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

FEFID 31 8463	YEAR 1975	BOIOP 01624	AIA TEMP 03.6	OIA HGT PER	WIND-DIR 25	INST STC RECORDER	TEM SO 1407
CONSEC 0180	MONTH 06	SHIP EV	WET BULB 03.2	00 A X	WIND-SPD 10	TRACE DIR 0	5 SQUARE 1
LAT 54 58.7N	DAY 25	DATA USE 1	BAROMETER 1022.6	SEA	WIND-FOR	DURATION 00.5	2 SQUARE 42
LONG 055 24.0W	MOOR 06.8	AREA 05	CLCUD T/A	CL/TA	WEATHER X1	ORIG 011 939	1 SQUARE 43

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYMOPH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
06.8	STC	00000	03.79	34.26	27.24	00.000	1465.0							
	085	00001	03.79	34.26	27.24		1465.0							
	STC	00010	03.76	34.26	27.24		1465.0							
	085	00011	03.75	34.26	27.25	00.008	1465.0							
	STC	00020	03.68	34.27	27.26		1464.9							
	085	00020	03.67	34.27	27.26	00.017	1464.9							
	STC	00030	03.52	34.25	27.26		1464.8							
	085	00030	03.51	34.25	27.26	00.025	1464.3							
	085	00040	03.30	34.28	27.30		1464.3							
	085	00041	02.70	34.21	27.30		1460.9							
	085	00043	02.25	34.26	27.38		1459.1							
	STC	00050	01.72	34.32	27.47	00.039	1456.9							
	085	00051	01.64	34.33	27.48		1456.6							
	085	00059	01.40	34.36	27.53		1455.7							
	STC	00075	01.69	34.45	27.58	00.054	1457.4							
	085	00076	01.71	34.46	27.58		1457.5							
	085	00097	02.14	34.59	27.65		1459.5							
	STC	00100	02.48	34.63	27.66	00.066	1461.5							
	085	00100	02.57	34.64	27.66		1461.9							
	STC	00125	03.08	34.69	27.65	00.077	1464.6							
	085	00127	03.11	34.69	27.65		1464.8							
	STC	00150	03.24	34.70	27.65	00.086	1465.7							
	085	00150	03.24	34.70	27.65		1465.7							
	085	00175	03.02	34.70	27.67		1465.2							
	STC	00200	03.40	34.76	27.68	00.112	1467.3							
	085	00201	03.41	34.76	27.68		1467.4							
	085	00226	03.41	34.77	27.68		1467.8							
	STC	00250	03.54	34.80	27.69	00.133	1468.8							
	085	00251	03.55	34.80	27.69		1468.8							
	085	00276	03.61	34.81	27.70		1469.5							
	STC	00300	03.64	34.83	27.71	00.155	1470.1							
	085	00300	03.64	34.83	27.71		1470.1							
	085	00350	03.70	34.85	27.72		1471.2							
	STC	00400	03.63	34.86	27.73	00.196	1471.7							
	085	00401	03.63	34.86	27.73		1471.7							
	085	00453	03.66	34.87	27.74		1472.7							
	STC	00500	03.57	34.86	27.74	00.237	1473.1							
	085	00500	03.57	34.86	27.74		1473.1							
	085	00550	03.54	34.86	27.74		1473.8							
	STC	00600	03.45	34.86	27.75	00.278	1474.3							
	085	00601	03.45	34.86	27.75		1474.3							
	085	00651	03.36	34.85	27.75		1474.7							
	STC	00700	03.36	34.85	27.75	00.318	1475.5							
	085	00700	03.36	34.85	27.75		1475.5							
	085	00750	03.36	34.85	27.75		1476.4							
	STC	00800	03.36	34.86	27.76	00.359	1477.2							
	085	00801	03.36	34.86	27.76		1477.2							
	085	00850	03.38	34.86	27.76		1478.1							
	STC	00900	03.39	34.87	27.77	00.401	1479.0							
	085	00900	03.39	34.87	27.77		1479.0							
	085	00953	03.35	34.87	27.77		1479.9							
	STC	01000	03.36	34.87	27.77	00.442	1480.6							
	085	01001	03.36	34.87	27.77		1480.6							
	STC	01100	03.27	34.86	27.77	00.485	1481.8							
	085	01102	03.27	34.86	27.77		1481.9							
	STC	01200	03.27	34.87	27.78	00.527	1483.5							
	085	01203	03.27	34.87	27.78		1483.6							
	STC	01300	03.29	34.87	27.78	00.570	1485.3							
	085	01302	03.29	34.87	27.78		1485.3							
	STC	01400	03.27	34.86	27.77	00.614	1486.9							
	085	01401	03.27	34.86	27.77		1486.9							
	STC	01500	03.32	34.88	27.78	00.658	1488.8							
	085	01501	03.32	34.88	27.78		1488.8							
	085	01505	03.32	34.88	27.78		1488.9							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFID 31 8463	YEAR 1975	BOTOP 00493	AIR TEMP 02.8	DIR MGT PER	WIND-DIR 20	INST STO RECORDER	TEM SO 1407
CONSEC 0161	MONTH 06	SHIP EV	WET BULB 02.6	00 X X	WIND-SPO 06	TRACE DIR 0	5 SQUARE 1
LAT 34 51.24	DAY 29	DATA USE 1	BARCHMETR 1022.5	SEA	WIND-FOR	DURATION 00.3	2 SQUARE 42
LONG 053 43.74	MOON 05.5	AREA 03	CLOUD T/A	CL/T/A	WEATHER 20	ORIG 011 940	1 SQUARE 43

CASSTNU*/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYMPTM	SND VEL	OXYG	PO4	TOT P	MO2	MO3	SIO3	PH
09.5	STO	00000	02.22	33.59	26.85	00.000	1457.3							
	085	00000	02.22	33.59	26.85		1457.3							
	085	00003	02.22	33.58	26.84		1457.3							
	STO	00010	02.31	33.64	26.88	00.012	1457.9							
	085	00011	02.34	33.65	26.89		1458.1							
	STO	00020	02.66	33.75	26.94	00.024	1459.8							
	085	00020	02.69	33.76	26.95		1459.9							
	STO	00030	02.91	33.92	27.05	00.034	1461.3							
	085	00032	02.92	33.94	27.07		1461.4							
	085	00034	02.91	33.95	27.08		1461.4							
	085	00038	02.67	33.94	27.09		1460.4							
	085	00040	02.16	33.94	27.13		1458.2							
	085	00043	01.36	34.02	27.26		1454.8							
	STO	00050	00.65	34.06	27.32	00.052	1453.1							
	085	00051	00.88	34.08	27.34		1452.9							
	085	00053	00.80	34.11	27.36		1452.6							
	STO	00075	01.32	34.28	27.47	00.070	1455.5							
	085	00076	01.34	34.29	27.47		1455.6							
	STO	00100	01.73	34.39	27.52	00.084	1457.9							
	085	00100	01.74	34.39	27.53		1457.9							
	STO	00125	01.62	34.44	27.57	00.09E	1457.9							
	085	00125	01.62	34.44	27.57		1457.9							
	STO	00150	01.98	34.53	27.62	00.111	1460.0							
	085	00150	01.98	34.53	27.62		1460.0							
	085	00175	02.09	34.56	27.63		1460.9							
	085	00192	02.34	34.62	27.66		1462.4							
	STO	00200	02.77	34.67	27.67	00.134	1464.8							
	085	00201	02.84	34.68	27.67		1464.8							
	085	00226	02.91	34.69	27.67		1465.5							
	STO	00250	03.00	34.71	27.67	00.157	1466.3							
	085	00253	03.01	34.71	27.67		1466.4							
	085	00276	03.11	34.73	27.68		1467.3							
	STO	00300	03.16	34.74	27.68	00.179	1467.9							
	085	00302	03.17	34.74	27.68		1468.0							
	085	00350	03.27	34.76	27.69		1469.2							
	STO	00400	03.47	34.80	27.70	00.223	1470.5							
	085	00403	03.48	34.80	27.70		1471.0							
	085	00451	03.55	34.83 P	27.720									
	085	00453	03.55	34.80	27.69		1472.8							

REFID 31 8463	YEAR 1975	BOTOP 00273	AIR TEMP 02.5	DIR MGT PER	WIND-DIR 18	INST STO RECORDER	TEM SO 1407
CONSEC 0162	MONTH 06	SHIP EV	WET BULB 02.4	00 X X	WIND-SPO 11	TRACE DIR 0	5 SQUARE 1
LAT 34 42.74	DAY 29	DATA USE 1	BARCHMETR 1020.5	SEA	WIND-POA	DURATION 00.1	2 SQUARE 42
LONG 053 55.64	MOON 11.2	AREA 05	CLOUD T/A	CL/T/A	WEATHER 24	ORIG 011 941 11	1 SQUARE 43

CASSTNU*/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYMPTM	SND VEL	OXYG	PO4	TOT P	MO2	MO3	SIO3	PH
11.2	STO	00000	00.82	33.01	26.48	00.000	1450.3							
	085	00001	00.82	33.01	26.48		1450.3							
	085	00005	00.77	33.00	26.48		1450.1							
	STO	00010	00.68	33.02	26.50	00.016	1449.8							
	085	00011	00.65	33.03	26.51		1449.7							
	STO	00020	00.52	33.06	26.54	00.031	1449.3							
	085	00020	00.48	33.06	26.54		1449.1							
	085	00028	- 0.04	33.00	26.52		1446.8							
	STO	00030	- 0.45	33.04	26.56	00.046	1445.0							
	085	00032	- 0.96	33.17	26.69		1442.7							
	085	00034	- 1.25	33.34	26.84		1441.7							
	STO	00050	- 1.09	33.58	27.03	00.071	1443.1							
	085	00051	- 1.07	33.60	27.04		1443.2							
	STO	00075	- 0.55	33.79	27.18	00.095	1446.3							
	085	00076	- 0.52	33.80	27.18		1446.5							
	STO	00100	00.11	33.96	27.29	00.116	1450.0							
	085	00100	00.13	33.97	27.29		1450.1							
	STO	00125	00.58	34.10	27.37	00.135	1452.8							
	085	00125	00.59	34.10	27.37		1452.8							
	STO	00150	00.72	34.12	27.38	00.153	1453.8							
	085	00150	00.72	34.12	27.38		1453.8							
	085	00175	00.72	34.13	27.39		1454.3							
	STO	00200	01.02	34.23	27.45	00.167	1456.2							
	085	00201	01.04	34.24	27.45		1456.3							
	085	00226	01.27	34.31	27.49		1457.8							
	085	00249	01.52	34.36	27.52		1459.4							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

NODC STATION DATA

REFID 31 8463	YEAR 1975	BDTOP 00232	AIR TEMP 03.5	DIR MGT PER	WIND-DIR 18	INST STD RECORDER	TEN SO 1407
CONSEC 0163	MONTH 06	SNIP EV	WET BULB 03.5	22 2 3	WIND-SPD 08	TRACE CIR	5 SQUARE 1
LAT 54 34.0N	DAY 29	DATA USE 1	BAROMETER 1022.1	SEA	WIND-FOR	DURATION 00.1	2 SQUARE 44
LONG 054 10.7W	MOOR 12.9	AREA 05	CLOUD T/A	CL/7R	WEATHER X4	ORIG 011 942	1 SQUARE 44

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OTN DPTH	SND VEL	OXYG	PO4	TOT P	MO2	MO3	SIO3	PH
12.5	STD	00000	00.66	32.36	25.97									
	085	00001	00.66	32.36	25.97	00.00G	1448.6							
	085	00003	00.62	32.36	25.97		1448.7							
	085	00007	00.23	32.43	26.05		1448.5							
	085	00009	00.12	32.46	26.08		1446.5							
	STD	00010	00.06	32.46	26.08	00.020	1446.2							
	085	00013	- 0.45	32.57	26.19		1444.1							
	085	00017	- 1.20	32.90	26.48		1441.1							
	STD	00020	- 1.22	33.07	26.62	00.037	1441.3							
	085	00020	- 1.24	33.11	26.65		1441.2							
	085	00022	- 1.29	33.18	26.71		1441.1							
	STD	00030	- 1.25	33.25	26.77	00.050	1441.5							
	085	00030	- 1.25	33.26	26.77		1441.6							
	STD	00050	- 1.15	33.48	26.95	00.074	1442.7							
	085	00051	- 1.14	33.45	26.96		1442.8							
	STD	00075	- 1.00	33.65	27.08	00.101	1444.0							
	085	00076	- 0.99	33.66	27.09		1444.1							
	STD	00100	- 0.81	33.76	27.16	00.124	1445.5							
	085	00102	- 0.75	33.77	27.17		1445.8							
	STD	00125	- 0.02	33.90	27.24	00.146	1449.7							
	085	00125	- 0.01	33.90	27.24		1449.8							
	STD	00150	00.28	34.04	27.34	00.166	1451.7							
	085	00150	00.28	34.04	27.34		1451.7							
	085	00175	00.50	34.07	27.35		1453.2							
	STD	00200	00.65	34.16	27.41	00.202	1454.4							
	085	00201	00.66	34.16	27.41		1454.5							
	085	00226	00.88	34.21	27.44		1455.9							
	085	00232	00.87	34.22	27.45		1456.0							

REFID 31 8463	YEAR 1975	BDTOP 00201	AIR TEMP 03.8	OIA MGT PER	WIND-DIR 23	INST STD RECORDER	TEN SO 1407
CONSEC 0164	MONTH 06	SHIP EV	WET BULB 03.8	20 1 4	WIND-SPD 10	TRACE CIR	5 SQUARE 1
LAT 54 27.6N	DAY 29	DATA USE 1	BAROMETER 1019.9	SEA	WIND-FOR	DURATION 00.0	2 SQUARE 44
LONG 054 28.7W	MOOR 14.4	AREA 05	CLOUD T/A	CL/7R	WEATHER X4	ORIG 011 943 10	1 SQUARE 44

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OTN DPTH	SND VEL	OXYG	PO4	TOT P	MO2	MO3	SIO3	PH
14.4	STD	00000	01.53	32.73	26.21									
	085	00000	01.53	32.73	26.21	00.000	1453.1							
	085	00003	01.51	32.72	26.20		1453.0							
	STD	00010	01.50	32.87	26.32	00.018	1453.3							
	085	00011	01.49	32.88	26.33		1453.3							
	085	00013	01.46	32.87	26.33		1453.2							
	085	00017	01.02	32.80	26.30		1451.2							
	085	00019	- 0.12	32.87	26.42		1448.1							
	STD	00020	- 0.45	32.87	26.43	00.034	1446.6							
	085	00020	- 0.69	32.91	26.47		1443.5							
	085	00022	- 1.02	33.08	26.62		1442.3							
	085	00026	- 1.00	33.17	26.69		1442.6							
	085	00028	- 1.19	33.18	26.71		1441.7							
	STD	00030	- 1.14	33.23	26.75	00.045	1442.0							
	085	00030	- 1.13	33.25	26.76		1442.1							
	085	00036	- 1.26	33.30	26.81		1441.7							
	STD	00050	- 1.09	33.47	26.94	00.073	1442.9							
	085	00051	- 1.08	33.49	26.95		1443.0							
	STD	00075	- 0.96	33.67	27.10	00.056	1444.3							
	085	00076	- 0.95	33.68	27.10		1444.3							
	STD	00100	- 0.66	33.77	27.17	00.123	1446.2							
	085	00102	- 0.63	33.78	27.17		1446.4							
	STD	00125	- 0.41	33.85	27.22	00.145	1447.9							
	085	00125	- 0.40	33.85	27.22		1447.6							
	STD	00150	- 0.02	33.96	27.29	00.165	1450.2							
	085	00150	- 0.01	33.96	27.25		1450.3							
	085	00175	00.41	34.10	27.38		1452.8							
	085	00196	00.76	34.19	27.43		1454.9							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

NOOC STATION DATA

REFID 31 8463	YEAR 1975	BOTOP 00175	AIR TEMP 04.5	DIR HGT PER	WIND-DIR 21	INST STO RECORDER	TEN SO 1407
CONSEC 0165	MONTH 06	SHIP EV	WET BULB 04.2	00 X 1	WIND-SPO 09	TRACE DIR 0	5 SQUARE 1
LAT 54 19.14	DAY 29	DATA USE 1	BAROMETR 1021.8	SEA	WIND-FOR	DURATION 00.1	2 SQUARE 44
LONG 054 35.74	HOUR 16.2	AREA 05	CLOUD T/A	CL/TR	WEATHER 10	DRIG 011 944 08	1 SQUARE 44

CASHTUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYMDPTH	SNO VEL	CATG	PO4	TOT P	NO2	NO3	SIO3	PH
14.2	STO	00000	01.08	31.94	25.29	00.000	1449.4							
	OBS	00001	01.08	31.54	25.29		1449.4							
	OBS	00005	00.68	31.46	25.24		1447.5							
	STO	00010	00.48	31.76	25.45	00.026	1447.1							
	OBS	00011	00.40	31.84	25.56		1446.9							
	OBS	00017	00.20	32.09	25.77		1446.5							
	OBS	00019	- 0.31	32.45	26.09		1446.6							
	STO	00020	- 0.76	32.60	26.23	00.047	1442.8							
	OBS	00020	- 1.05	32.72	26.33		1441.8							
	OBS	00022	- 1.30	32.89	26.48		1440.7							
	OBS	00028	- 1.46	33.01	26.58		1440.2							
	STO	00030	- 1.45	33.02	26.59	00.064	1440.3							
	OBS	00030	- 1.44	33.03	26.59		1440.4							
	STO	00050	- 1.38	33.26	26.77	00.091	1441.3							
	OBS	00051	- 1.37	33.27	26.78		1441.4							
	STO	00075	- 1.13	33.49	26.96	00.121	1443.2							
	OBS	00076	- 1.12	33.50	26.96		1443.3							
	STO	00100	- 0.99	33.62	27.05	00.147	1444.4							
	OBS	00104	- 0.96	33.64	27.07		1444.7							
	STO	00125	- 0.82	33.75	27.15	00.171	1445.8							
	OBS	00125	- 0.81	33.75	27.15		1445.9							
	STO	00150	- 0.19	33.92	27.26	00.193	1449.4							
	OBS	00150	- 0.18	33.92	27.26		1449.5							
	OBS	00169	00.27	34.07	27.36		1452.0							

REFID 31 8463	YEAR 1975	BOTOP 00172	AIR TEMP 06.8	DIR HGT PER	WIND-DIR 20	INST STO RECORDER	TEN SO 1407
CONSEC 0166	MONTH 06	SHIP EV	WET BULB 05.4	10 1 5	WIND-SPO 11	TRACE DIR 0	5 SQUARE 1
LAT 54 10.84	DAY 29	DATA USE 1	BAROMETR 1021.4	SEA	WIND-FOR	DURATION 00.0	2 SQUARE 44
LONG 054 55.64	HOUR 18.0	AREA 05	CLCUD T/A	CL/TR	WEATHER 11	DRIG 011 945 10	1 SQUARE 44

CASHTUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYMDPTH	SNO VEL	CATG	PO4	TOT P	NO2	NO3	SIO3	PH
18.0	STO	00000	02.16	31.42	25.12	00.000	1454.1							
	OBS	00001	02.16	31.42	25.12		1454.1							
	OBS	00003	02.10	31.41	25.12		1453.9							
	OBS	00007	01.46	31.50	25.23		1451.2							
	STO	00010	01.32	31.50	25.24	00.028	1450.6							
	OBS	00011	01.20	31.50	25.25		1450.1							
	OBS	00015	00.77	31.87	25.57		1448.7							
	OBS	00017	00.10	32.29	25.94		1446.3							
	STO	00020	- 0.40	32.64	26.24	00.051	1444.5							
	OBS	00020	- 0.54	32.71	26.30		1444.0							
	OBS	00024	- 1.04	32.83	26.42		1441.9							
	OBS	00026	- 1.20	32.93	26.50		1441.3							
	STO	00030	- 1.15	32.98	26.54	00.067	1441.6							
	OBS	00030	- 1.14	32.99	26.55		1441.7							
	OBS	00032	- 1.18	33.05	26.60		1441.6							
	OBS	00047	- 1.27	33.26	26.77		1441.8							
	STO	00050	- 1.22	33.28	26.79	00.095	1442.1							
	OBS	00051	- 1.19	33.29	26.80		1442.2							
	STO	00075	- 0.99	33.52	26.98	00.124	1443.9							
	OBS	00076	- 0.96	33.53	26.98		1444.0							
	STO	00100	- 0.72	33.71	27.12	00.150	1445.8							
	OBS	00100	- 0.70	33.72	27.13		1445.6							
	STO	00125	00.04	33.95	27.31	00.171	1450.1							
	OBS	00125	00.06	34.00	27.32		1450.3							
	STO	00150	01.00	34.30	27.50	00.188	1455.3							
	OBS	00150	01.01	34.30	27.50		1455.4							
	OBS	00169	01.14	34.32	27.51		1456.3							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFID 31 8463 YEAR 1975 BOTOP 00190 AIR TEMP 05.5 DIR HGT PER WIND-DIR 18 INST STO RECORDER TEN SO 1407
 CONSEC 0167 MONTH 06 SHIP EV WET BULB 04.2 15 1 4 WIND-SPD 12 TRACE DIR C 5 SQUARE 2
 LAT 34 02.6N DAY 28 DATA USE 1 BAROMETER 1021.4 SEA WIND-FOR DURATION 00.1 2 SQUARE 44
 LONG 035 08.4W HOUR 19.5 AREA 05 CLOUD T/A CL/T/A WEATHER X2 ORIG 011 646 1 SQUARE 45

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	DAYG	PO4	TOT P	MO2	MO3	S103	PH
19.5	STO	00000	02.36	31.25	25.00	00.000	1454.8							
	085	00001	02.36	31.25	25.00		1454.8							
	085	00009	02.32	31.27	24.99		1454.7							
	STO	00010	02.21	31.23	24.97	00.030	1454.2							
	085	00011	01.54	31.18	24.94		1453.0							
	085	00015	01.41	31.42	25.17		1451.0							
	085	00017	00.80	31.93	25.61		1449.0							
	085	00019	00.71	32.24	25.87		1449.0							
	STO	00020	00.45	32.37	25.98	00.055	1448.0							
	085	00020	00.16	32.48	26.09		1446.6							
	085	00022	- 0.64	32.71	26.31		1443.5							
	085	00026	- 1.12	32.83	26.42		1441.5							
	STO	00030	- 1.16	32.88	26.46	00.073	1441.5							
	085	00030	- 1.17	32.89	26.47		1441.4							
	085	00032	- 1.23	32.96	26.53		1441.3							
	085	00034	- 1.05	33.00	26.56		1442.2							
	085	00038	- 1.07	32.98	26.54		1442.1							
	STO	00050	- 1.20	33.09	26.63		1441.7							
	085	00051	- 1.29	33.24	26.76	00.102	1441.7							
	STO	00073	- 1.12	33.26	26.77		1441.7							
	085	00076	- 1.11	33.48	26.55	00.132	1443.2							
	STO	00100	- 0.69	33.71	26.95		1443.3							
	085	00100	- 0.67	33.72	27.12	00.158	1446.0							
	STO	00125	- 0.18	33.90	27.12		1446.1							
	085	00125	- 0.16	33.91	27.25	00.180	1449.0							
	085	00142	00.43	34.10	27.38		1449.1							
							1452.4							

REFID 31 8463 YEAR 1975 BOTOP 00166 AIR TEMP 04.3 DIR HGT PER WIND-DIR 15 INST STO RECORDER TEN SO 1407
 CONSEC 0168 MONTH 06 SHIP EV WET BULB 03.4 15 0 2 WIND-SPD 10 TRACE DIR 0 5 SQUARE 2
 LAT 33 55.4N DAY 29 DATA USE 1 BAROMETER 1021.4 SEA WIND-FOR DURATION 00.1 2 SQUARE 24
 LONG 035 23.5W HOUR 21.2 AREA 05 CLOUD T/A CL/T/A WEATHER X2 ORIG 011 947 10 1 SQUARE 35

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	DAYG	PO4	TOT P	MO2	MO3	S103	PH
21.2	STO	00000	01.63	31.09	24.89	00.000	1451.3							
	085	00003	01.63	31.09	24.89		1451.3							
	085	00005	01.49	31.12	24.93		1450.8							
	085	00007	01.06	31.27	25.07		1446.1							
	STO	00010	00.40	31.80	25.53	00.028	1446.8							
	085	00011	- 0.11	32.13	25.82		1445.0							
	085	00013	- 0.94	32.60	26.23		1441.8							
	085	00015	- 1.24	32.76	26.37		1440.7							
	STO	00020	- 1.32	32.82	26.42	00.048	1440.4							
	085	00020	- 1.34	32.83	26.43		1440.4							
	STO	00030	- 1.56	32.99	26.56	00.064	1439.7							
	085	00030	- 1.56	32.99	26.56		1439.7							
	085	00032	- 1.57	33.00	26.57		1439.7							
	STO	00050	- 1.44	33.12	26.66	00.052	1440.8							
	085	00051	- 1.43	33.13	26.67		1440.9							
	STO	00073	- 1.29	33.34	26.84	00.123	1442.2							
	085	00076	- 1.29	33.35	26.85		1442.3							
	STO	00100	- 1.23	33.48	26.95	00.154	1443.1							
	085	00100	- 1.21	33.49	26.96		1443.2							
	085	00104	- 1.09	33.53	26.99		1443.5							
	STO	00125	- 1.01	33.64	27.07	00.180	1444.8							
	085	00125	- 1.00	33.64	27.07		1444.8							
	085	00140	- 0.67	33.80	27.19		1446.9							
	STO	00150	- 0.38	33.85	27.22	00.203	1448.3							
	085	00150	- 0.24	33.89	27.24		1449.1							
	085	00154	- 0.20	33.91	27.24		1449.2							
	085	00163	00.14	34.01	27.32		1449.4							
							1451.3							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOEC STATION DATA

*EF10 31 8463	YEAR 1975	80TOP 00152	AIR TEMP 04.1	DIR HGT PER	WIND-DIR 14	INST STD RECORDER	TEM SQ 1407
CONSEC 0165	MONTH 06	SHIP EV	WET BULB 03.2	00 X X	WIND-SPO 11	TRACE CIR 0	5 SQUARE 2
LAT 53 47.7M	DAY 29	DATA USE 1	BAROMETR 1021.3	SEA	WIND-FOR	DURATION 00.1	2 SQUARE 24
LONG 055 39.16	MOJR 23.7	AREA 05	CLOUD T/A	CL/TR	WEATHER X2	ORIG 011 948 11	1 SQUARE 35

CASTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SNC VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STO	00030	01.29	31.16	24.97	00.000	1445.8							
23.7	08S	00001	01.29	31.16	24.97		1449.6							
	08S	00003	01.31	31.16	24.97		1450.0							
	08S	00005	01.13	31.17	24.99		1449.2							
	08S	00009	00.25	31.60	25.38		1445.6							
	STO	00010	00.20	31.66	25.43	00.02E	1445.7							
	08S	00013	- 0.31	32.06	25.77		1444.0							
	08S	00015	- 0.72	32.28	25.96		1442.4							
	08S	00019	- 0.83	32.38	26.05		1442.1							
	STO	00020	- 1.00	32.52	26.17	00.050	1441.5							
	08S	00020	- 1.14	32.62	26.25		1441.0							
	08S	00026	- 1.54	32.79	26.40		1439.5							
	STO	00030	- 1.47	32.82	26.43	00.067	1435.9							
	08S	00030	- 1.46	32.83	26.43		1440.0							
	STO	00050	- 1.42	33.06	26.62	00.096	1440.8							
	08S	00051	- 1.38	33.0E	26.63		1441.1							
	08S	00055	- 1.23	33.05	26.60		1441.8							
	08S	00057	- 1.39	33.15	26.69		1441.2							
	STO	00075	- 1.38	33.26	26.78	00.131	1441.7							
	08S	00076	- 1.38	33.27	26.78		1441.7							
	STO	00100	- 1.27	33.40	26.85	00.162	1442.6							
	08S	00100	- 1.26	33.41	26.89		1442.6							
	STO	00125	- 1.10	33.55	27.00	00.190	1444.2							
	08S	00125	- 1.10	33.55	27.00		1444.3							
	08S	00148	- 0.96	33.61	27.05		1445.4							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

N D O C S T A T I O N D A T A

REFID 31 8465	YEAR 1975	BOTOP 03002	414 TEMP 05.8	OIR HGT PER	WIND-OIR 28	INST STD RECORDER	TEM SD 1407
CONSEC 0170	MONTH 04	SHIP EV	WET BULB 05.1	29 1 3	WIND-SPO 08	TRACE DIR 0	5 SQUARE 3
LAT 55 15.7N	DAY 30	0474 USE 1	BAROMETR 1023.4	SEA	WIND-FOR	DURATION 00.5	2 SQUARE 42
LONG 152 53.6W	MOUR 11.9	AREA 05	CLOUD T/A	CL/TR	WEATHER X0	ORIG 011 949 11	1 SQUARE 52

C&STNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGNA-T	CYMOPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
11.9	STD	00000	04.31	34.08	27.04	00.000	1466.9							
	085	00001	04.31	34.08	27.04		1467.0							
	085	00007	04.45	34.25	27.16		1467.9							
	085	00009	05.14	34.44	27.24		1471.0							
	STD	00010	05.08	34.41	27.23	00.009	1470.6							
	085	00013	04.45	34.34	27.24		1468.1							
	085	00015	04.06	34.37	27.30		1466.5							
	STD	00020	03.67	34.37	27.34	00.017	1464.9							
	085	00020	03.57	34.37	27.35		1464.5							
	085	00026	02.77	34.28	27.35		1461.1							
	085	00028	02.27	34.32	27.43		1459.0							
	STD	00030	02.13	34.33	27.45	00.024	1458.4							
	085	00030	02.08	34.34	27.46		1458.2							
	085	00045	01.85	34.40	27.52		1457.5							
	STD	00050	01.86	34.42	27.54	00.036	1457.7							
	085	00051	01.86	34.43	27.55		1457.7							
	STD	00075	02.04	34.52	27.60	00.045	1459.0							
	085	00076	02.05	34.52	27.61		1455.1							
	STD	00100	02.15	34.57	27.64	00.062	1460.0							
	085	00100	02.16	34.57	27.64		1460.0							
	STD	00125	02.38	34.62	27.66	00.073	1461.5							
	085	00127	02.41	34.63	27.66		1461.7							
	STD	00150	02.69	34.65	27.69	00.084	1463.3							
	085	00152	02.72	34.70	27.69		1463.5							
	085	00175	03.11	34.76	27.71		1465.6							
	STD	00205	03.27	34.79	27.71	00.105	1466.8							
	085	00203	03.29	34.79	27.71		1466.9							
	085	00226	03.42	34.82	27.72		1467.9							
	STD	00250	03.48	34.83	27.73	00.125	1468.5							
	085	00251	03.48	34.83	27.73		1468.6							
	085	00277	03.48	34.84	27.73		1469.0							
	STD	00300	03.50	34.85	27.74	00.145	1469.5							
	085	00300	03.50	34.85	27.74		1469.5							
	085	00350	03.52	34.86	27.75		1470.4							
	STD	00400	03.48	34.87	27.76	00.184	1471.1							
	085	00401	03.48	34.87	27.76		1471.1							
	085	00451	03.45	34.87	27.76		1471.8							
	STD	00500	03.42	34.87	27.76	00.222	1472.5							
	085	00500	03.42	34.87	27.76		1472.5							
	085	00550	03.41	34.87	27.76		1473.3							
	STD	00600	03.39	34.87	27.77	00.261	1474.0							
	085	00601	03.35	34.87	27.77		1474.0							
	085	00651	03.36	34.87	27.77		1474.7							
	STD	00700	03.35	34.88	27.77	00.300	1475.7							
	085	00700	03.39	34.88	27.77		1475.7							
	085	00750	03.41	34.88	27.77		1476.6							
	STD	00800	03.41	34.88	27.77	00.340	1477.4							
	085	00801	03.41	34.88	27.77		1477.5							
	085	00850	03.42	34.88	27.77		1478.3							
	STD	00900	03.45	34.89	27.78	00.380	1479.3							
	085	00900	03.45	34.89	27.78		1479.3							
	085	00953	03.46	34.90	27.78		1480.2							
	STD	01000	03.46	34.90	27.78	00.421	1481.0							
	085	01001	03.46	34.90	27.78		1481.0							
	STD	01100	03.45	34.90	27.78	00.462	1482.7							
	085	01100	03.45	34.90	27.78		1482.7							
	STD	01200	03.42	34.90	27.79	00.504	1484.2							
	085	01201	03.42	34.90	27.79		1484.2							
	STD	01300	03.46	34.92	27.80	00.546	1486.1							
	085	01302	03.46	34.92	27.80		1486.1							
	STD	01400	03.45	34.92	27.80	00.588	1487.7							
	085	01402	03.45	34.92	27.80		1487.8							
	STD	01500	03.46	34.93	27.81	00.630	1489.5							
	085	01500	03.46	34.93	27.81		1489.5							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

REFID 31 8463	YEAR 1975	BOTOP 02492	AIR TEMP 06.4	DIR PGT PER	WIND-DIR 26	INST STO RECORDER	TEM SQ 1407
CONSEC 0171	MONTH 06	SHIP EV	WET BULB 03.8	27 1 2	WIND-SPO 12	TRACE DIA	5 SQUARE 3
LAT 35 06.7N	DAY 30	DATA USE 1	BARCHETA 1023.7	SEA	WIND-FOR	DURATION 00.5	2 SQUARE 42
LONG 033 09.3W	HOOR 14.1	AREA 03	CLOUD 7/A	CL/TR	WEATHER XO	ORIG 011 930 27	1 SQUARE 53

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-7	GYNDPTH	SND VEL	ORYG	PO4	TOT P	MO2	MO3	SIO5	PH
14.1	STO	00000	02.61	34.04	27.18	00.000	1455.6							
	OBS	00001	02.61	34.04	27.18		1455.6							
	OBS	00003	02.60	34.02	27.16		1455.6							
	OBS	00007	02.70	34.14	27.23		1460.3							
	STO	00010	03.12	34.22	27.27	00.009	1462.2							
	OBS	00011	03.31	34.25	27.28		1463.1							
	STO	00020	03.38	34.23	27.26	00.017	1463.5							
	OBS	00020	03.39	34.23	27.26		1463.6							
	STO	00030	02.53	34.25	27.35	00.023	1460.1							
	OBS	00030	02.46	34.26	27.36		1459.8							
	OBS	00032	02.16	34.29	27.41		1458.5							
	STO	00050	01.84	34.38	27.51	00.038	1437.5							
	OBS	00051	01.83	34.39	27.52		1457.5							
	STO	00073	01.95	34.46	27.56	00.032	1458.6							
	OBS	00076	01.96	34.46	27.56		1458.6							
	STO	00100	02.09	34.53	27.61	00.063	1435.6							
	OBS	00100	02.09	34.53	27.61		1439.7							
	STO	00123	02.23	34.56	27.62	00.077	1460.7							
	OBS	00123	02.23	34.56	27.62		1460.7							
	STO	00150	02.36	34.58	27.63	00.085	1461.7							
	OBS	00150	02.36	34.58	27.63		1461.7							
	OBS	00173	02.47	34.60	27.63		1462.7							
	STO	00200	02.68	34.65	27.66	00.112	1464.1							
	OBS	00201	02.71	34.66	27.66		1464.2							
	OBS	00222	03.19	34.75	27.69		1466.8							
	OBS	00226	03.22	34.75	27.69		1466.9							
	STO	00250	03.39	34.79	27.70	00.134	1468.1							
	OBS	00251	03.40	34.79	27.70		1468.2							
	OBS	00279	03.52	34.81	27.71		1469.2							
	STO	00300	03.54	34.81	27.70	00.156	1469.6							
	OBS	00300	03.54	34.81	27.70		1469.6							
	OBS	00350	03.55	34.82	27.71		1470.5							
	STO	00400	03.57	34.84	27.72	00.198	1471.4							
	OBS	00401	03.57	34.84	27.72		1471.5							
	OBS	00451	03.59	34.85	27.73		1472.4							
	STO	00500	03.57	34.86	27.74	00.239	1473.1							
	OBS	00502	03.57	34.86	27.74		1473.1							
	OBS	00552	03.57	34.87	27.75		1474.0							
	STO	00600	03.54	34.88	27.76	00.275	1474.7							
	OBS	00601	03.54	34.88	27.76		1474.7							
	OBS	00651	03.54	34.88	27.76		1475.5							
	STO	00700	03.54	34.88	27.76	00.320	1476.3							
	OBS	00700	03.54	34.88	27.76		1476.3							
	OBS	00750	03.54	34.89	27.77		1477.2							
	STO	00800	03.52	34.88	27.76	00.361	1477.9							
	OBS	00801	03.52	34.88	27.76		1477.9							
	OBS	00850	03.51	34.85	27.77		1478.7							
	STO	00900	03.47	34.50	27.78	00.402	1475.4							
	OBS	00900	03.47	34.50	27.78		1479.4							
	OBS	00931	03.46	34.50	27.78		1480.2							
	STO	01000	03.45	34.89	27.76	00.442	1481.0							
	OBS	01001	03.45	34.89	27.76		1481.0							
	STO	01100	03.45	34.90	27.78	00.484	1482.6							
	OBS	01100	03.45	34.90	27.78		1482.7							
	STO	01200	03.42	34.90	27.79	00.526	1484.2							
	OBS	01201	03.42	34.90	27.79		1484.2							
	STO	01300	03.36	34.89	27.78	00.568	1485.6							
	OBS	01300	03.36	34.89	27.78		1485.6							
	STO	01400	03.36	34.89	27.78	00.611	1487.3							
	OBS	01401	03.36	34.89	27.78		1487.3							
	STO	01500	03.41	34.91	27.80	00.655	1489.2							
	OBS	01500	03.41	34.91	27.80		1489.2							
	OBS	01513	03.41	34.92	27.80		1489.5							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MOOC STATION DATA

#SF10 31 8463	YEAR 1975	BOTOP 01667	AIR TEMP 07.3	OIR MGT PER	WIND-OIR 25	INST STD RECORDER	TEN 50 1407
CONSEC 0172	MONTH 06	SHIP EV	WET BULB 05.1	28 0 2	WIND-SPO 14	TRACE OIR 0	5 SQUARE 1
LAT 54 58.2N	DAY 30	DATA USE 1	BAROMETER 1024.1	SEA	WIND-FOR	DURATION 00.6	2 SQUARE 42
LONG 053 24.8W	HOOR 17.7	AREA 05	CLOUD 7/A	CL/TR	WEATHER R1	ORIG 011 951 05	1 SQUARE 43

C&STNUR/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	OTNOPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SI03	PH
17.7	STO	00000	03.07	33.72	28.88	00.000	1481.2							
	085	00005	03.07	33.72	28.88		1481.3							
	STO	00010	03.07	33.71	28.87	00.012	1481.3							
	085	00011	03.00	33.71	28.88		1481.0							
	085	00013	02.86	33.86	28.85		1480.4							
	085	00019	01.46	33.69	28.98		1454.4							
	STO	00020	01.33	33.71	27.01	00.023	1453.8							
	085	00020	01.21	33.74	27.04		1453.4							
	085	00022	00.97	33.82	27.12		1452.4							
	STO	00030	00.71	33.83	27.15	00.033	1451.4							
	085	00030	00.68	33.84	27.15		1451.3							
	085	00034	00.43	33.90	27.22		1450.3							
	085	00036	00.42	33.92	27.23		1450.3							
	STO	00050	00.67	34.00	27.28	00.050	1451.8							
	085	00051	00.70	34.01	27.29		1452.0							
	STO	00075	01.30	34.24	27.44	00.068	1455.4							
	085	00076	01.32	34.25	27.44		1455.5							
	STO	00100	01.50	34.35	27.51	00.084	1456.8							
	085	00100	01.51	34.35	27.51		1456.9							
	STO	00125	01.65	34.42	27.55	00.098	1458.0							
	085	00125	01.66	34.42	27.55		1458.0							
	STO	00150	02.09	34.52	27.60	00.111	1460.5							
	085	00150	02.09	34.52	27.60		1460.5							
	085	00175	02.22	34.57	27.63		1461.5							
	085	00196	02.77	34.66	27.66		1464.4							
	STO	00200	02.83	34.68	27.67	00.135	1464.7							
	085	00201	02.86	34.69	27.67		1464.9							
	085	00226	03.31	34.76	27.69		1467.3							
	STO	00250	03.36	34.78	27.70	00.157	1467.9							
	085	00251	03.36	34.78	27.70		1468.0							
	085	00276	03.50	34.81	27.71		1469.0							
	STO	00300	03.54	34.82	27.71	00.178	1469.6							
	085	00300	03.54	34.82	27.71		1469.6							
	085	00350	03.57	34.83	27.72		1470.6							
	STO	00400	03.61	34.85	27.73	00.220	1471.6							
	085	00401	03.61	34.85	27.73		1471.6							
	085	00451	03.61	34.86	27.74		1472.5							
	STO	00500	03.59	34.86	27.74	00.261	1473.2							
	085	00500	03.59	34.86	27.74		1473.2							
	085	00550	03.57	34.86	27.74		1473.5							
	STO	00600	03.52	34.87	27.75	00.302	1474.6							
	085	00601	03.52	34.87	27.75		1474.6							
	085	00651	03.50	34.87	27.76		1475.3							
	STO	00700	03.50	34.87	27.76	00.342	1476.1							
	085	00700	03.50	34.87	27.76		1476.2							
	085	00750	03.48	34.87	27.76		1476.5							
	STO	00800	03.48	34.87	27.76	00.384	1477.7							
	085	00801	03.48	34.87	27.76		1477.7							
	085	00850	03.46	34.87	27.76		1478.5							
	STO	00900	03.46	34.87	27.76	00.426	1479.3							
	085	00900	03.46	34.87	27.76		1479.3							
	085	00953	03.46	34.87	27.76		1480.2							
	STO	01000	03.45	34.87	27.76	00.466	1480.9							
	085	01003	03.45	34.87	27.76		1481.0							
	STO	01100	03.49	34.88	27.76	00.512	1482.8							
	085	01100	03.49	34.88	27.76		1482.8							
	085	01170	03.48	34.89	27.77		1483.9							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

MODE STATION DATA

REFID 31 8463	YEAR 1975	BOTOP 00470	AIR TEMP 06.5	DIR FGT PER	WIND-DIR 26	INST STD RECORDER	TEN 30 1407
CONSEC 0173	MONTH 06	SHIP EV	WET BULB 05.5	27 1 2	WIND-SPO 06	TRACE DIR 0	5 SQUARE 1
LAT 34 50.4N	DAY 30	DATA USE 1	BAROMETER 1024.8	SEA	WIND-FOR	DURATION 00.2	2 SQUARE 42
LONG 033 39.9W	MOOR 20.4	AREA 05	CLCUD T/A	CL/TR	WEATHER X2	ORIG 011 952 12	1 SQUARE 43

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SND VEL	OXYG	PO4	TOT P	MO2	MO3	S103	PH
20.4	STO	00000	03.16	33.13	26.40	00.000	1460.8							
	085	00001	03.16	33.13	26.40		1460.8							
	STO	00010	02.98	33.15	26.43	00.016	1460.2							
	085	00011	02.95	33.15	26.44		1460.1							
	085	00015	01.75	32.99	26.40		1454.7							
	STO	00020	01.83	33.05	26.46	00.032	1454.3							
	085	00020	01.09	33.06	26.50		1451.5							
	085	00022	- 0.80	32.94	26.49		1444.0							
	085	00024	- 1.05	33.26	26.77		1442.4							
	STO	00030	- 0.98	33.35	26.84	00.046	1443.0							
	085	00030	- 0.57	33.36	26.84		1443.0							
	085	00036	- 1.17	33.43	26.91		1442.3							
	STO	00050	- 1.09	33.57	27.02	00.069	1443.1							
	085	00051	- 1.07	33.59	27.03		1443.2							
	STO	00075	- 0.35	33.85	27.21	00.093	1447.3							
	085	00076	- 0.30	33.87	27.23		1447.6							
	085	00081	00.01	34.02	27.34		1449.3							
	085	00085	00.99	34.05	27.30		1453.6							
	085	00089	00.60	34.02	27.30		1452.1							
	STO	00100	00.55	34.09	27.36	00.112	1452.2							
	085	00100	00.55	34.09	27.36		1452.2							
	STO	00125	00.78	34.18	27.40	00.130	1453.8							
	085	00125	00.79	34.16	27.41		1453.8							
	STO	00150	01.08	34.26	27.47	00.147	1455.7							
	085	00150	01.09	34.26	27.47		1455.7							
	085	00175	01.53	34.38	27.53		1458.2							
	STO	00200	01.63	34.43	27.57	00.176	1459.2							
	085	00201	01.65	34.44	27.57		1459.3							
	085	00228	02.00	34.55	27.63		1461.4							
	STO	00250	02.37	34.63	27.66	00.200	1463.5							
	085	00251	02.39	34.63	27.67		1463.6							
	085	00276	02.73	34.66	27.66		1465.5							
	STO	00300	02.99	34.72	27.68	00.223	1467.1							
	085	00300	03.00	34.72	27.68		1467.2							
	085	00350	03.34	34.77	27.69		1469.5							
	STO	00400	03.39	34.79	27.70	00.266	1470.6							
	085	00431	03.39	34.79	27.70		1470.6							
	085	00451	03.54	34.83	27.72		1472.1							
	085	00460	03.55	34.83	27.72		1472.3							

REFID 31 8463	YEAR 1975	BOTOP 00270	AIR TEMP 08.9	DIR FGT PER	WIND-DIR 24	INST STD RECORDER	TEN 30 1407
CONSEC 0174	MONTH 06	SHIP EV	WET BULB 06.0	00 A A	WIND-SPO 14	TRACE DIR 0	5 SQUARE 1
LAT 34 42.0N	DAY 30	DATA USE 1	BAROMETER 1024.9	SEA	WIND-FOR	DURATION 00.1	2 SQUARE 42
LONG 053 33.0W	MOOR 22.1	AREA 05	CLCUD T/A	CL/TR	WEATHER X1	ORIG 011 953 02	1 SQUARE 43

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SND VEL	OXYG	PO4	TOT P	MO2	MO3	S103	PH
22.1	STO	00000	01.55	32.54	26.06	00.000	1452.9							
	085	00003	01.55	32.54	26.06		1453.0							
	085	00005	01.62	32.52	26.04		1453.3							
	085	00007	01.27	32.50	26.04		1451.7							
	STO	00010	01.12	32.50	26.05	00.020	1451.1							
	085	00011	01.01	32.50	26.06		1450.6							
	STO	00070	- 0.04	32.68	26.26	00.038	1446.1							
	085	00020	- 0.13	32.69	26.27		1445.8							
	085	00022	- 0.25	32.70	26.28		1445.3							
	085	00024	- 0.64	32.80	26.38		1443.7							
	STO	00030	- 1.08	33.00	26.56	00.055	1447.0							
	085	00030	- 1.11	33.02	26.57		1441.9							
	085	00041	- 1.45	33.22	26.75		1440.8							
	STO	00050	- 1.45	33.27	26.79	00.082	1441.1							
	085	00051	- 1.42	33.28	26.79		1441.1							
	STO	00075	- 1.29	33.44	26.92	00.112	1442.4							
	085	00076	- 1.28	33.45	26.93		1442.5							
	STO	00100	- 1.20	33.57	27.03	00.135	1443.4							
	085	00100	- 1.19	33.58	27.03		1443.5							
	STO	00125	- 0.85	33.73	27.14	00.164	1445.7							
	085	00125	- 0.84	33.73	27.14		1445.7							
	STO	00150	- 0.37	33.86	27.22	00.186	1448.5							
	085	00150	- 0.36	33.86	27.22		1448.5							
	085	00175	- 0.11	33.91	27.25		1450.2							
	STO	00200	00.26	34.04	27.34	00.226	1452.6							
	085	00201	00.28	34.05	27.35		1452.6							
	085	00224	00.55	34.12	27.39		1454.3							
	085	00237	00.86	34.24	27.47		1456.1							
	085	00241	01.12	34.27	27.47		1457.3							
	STO	00250	01.22	34.28	27.47	00.260	1457.6							
	085	00251	01.23	34.28	27.47		1458.0							
	085	00257	01.27	34.29	27.48		1458.3							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

N O O C S T A T I O N D A T A

REFID 31 8443 YEAR 1975 BOTOP 00230 AIR TEMP 04.3 DIR HGT PER WIND-DIR 23 INST STD RECORDER TEN SO 1407
 CONSEC 0175 MONTH 04 SHIP EV WET BULB 03.4 25 0 2 WIND-SPD 10 TRACE DIR 0 5 SQUARE 1
 LAT 34 35.0N DAY 30 DATA USE 1 BAROMETER 1025.3 SEA 5EA WIND-FOR WIND-FOR DURATION 00.1 2 SQUARE 44
 LONG 054 10.0W HOUR 23.4 AREA 05 CLOUD T/A CL/TR WEATHER AO ORIG 011 954 1 SQUARE 44

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
23.4	STO	00000	01.90	32.34	25.87	00.000	1454.2							
	OBS	00005	01.90	32.34	25.87		1454.3							
	STO	00010	01.93	32.34	25.87	00.021	1454.5							
	OBS	00011	01.94	32.36	25.85		1454.6							
	OBS	00013	01.87	32.40	25.92		1454.3							
	OBS	00017	00.53	32.46	26.05		1450.3							
	STO	00020	00.95	32.45	26.06	00.042	1450.5							
	OBS	00020	00.96	32.51	26.07		1450.6							
	OBS	00022	00.90	32.56	26.11		1450.4							
	OBS	00026	- 0.01	32.52	26.13		1446.2							
	OBS	00028	- 0.71	32.73	26.53		1443.3							
	STO	00030	- 0.94	32.84	26.43	00.040	1442.4							
	OBS	00030	- 0.99	32.83	26.46		1442.3							
	OBS	00034	- 0.83	33.09	26.62		1443.4							
	OBS	00036	- 0.85	33.11	26.64		1443.3							
	STO	00050	- 1.22	33.32	26.82	00.080	1442.1							
	OBS	00051	- 1.23	33.33	26.83		1442.1							
	OBS	00053	- 1.24	33.34	26.84		1442.1							
	STO	00075	- 1.15	33.55	27.01	00.117	1443.2							
	OBS	00076	- 1.14	33.56	27.01		1443.3							
	OBS	00085	- 1.03	33.61	27.05		1444.2							
	OBS	00089	- 0.65	33.68	27.09		1446.1							
	STO	00100	- 0.68	33.67	27.08	00.142	1446.0							
	OBS	00100	- 0.70	33.66	27.08		1445.9							
	STO	00125	- 0.38	33.80	27.17	00.166	1448.0							
	OBS	00125	- 0.37	33.80	27.18		1448.0							
	STO	00150	- 0.16	33.92	27.26	00.187	1449.6							
	OBS	00150	- 0.15	33.92	27.26		1452.1							
	OBS	00175	00.27	34.04	27.34		1452.1							
	STO	00200	00.64	34.14	27.40	00.225	1454.3							
	OBS	00201	00.66	34.15	27.41		1454.4							
	OBS	00220	00.80	34.19	27.43		1455.5							

REFID 31 8443 YEAR 1975 BOTOP 00201 AIR TEMP 04.6 DIR HGT PER WIND-DIR 21 INST STD RECORDER TEN SO 1407
 CONSEC 0174 MONTH 07 SHIP EV WET BULB 04.1 02 0 2 WIND-SPD 10 TRACE DIR 0 5 SQUARE 1
 LAT 34 27.0N DAY 01 DATA USE 1 BAROMETER 1025.0 SEA 5EA WIND-FOR WIND-FOR DURATION 00.1 2 SQUARE 44
 LONG 054 25.0W HOUR 02.1 AREA 05 CLOUD T/A CL/TR WEATHER XO ORIG 011 955 1 SQUARE 44

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
02.1	STO	00000	02.16	31.65	25.30	00.000	1454.4							
	OBS	00001	02.16	31.65	25.30		1454.4							
	OBS	00005	02.13	31.63	25.29		1454.3							
	STO	00010	02.04	31.63	25.30	00.027	1454.0							
	OBS	00011	02.01	31.63	25.30		1453.9							
	OBS	00013	00.58	31.77	25.50		1447.7							
	OBS	00015	- 0.02	32.03	25.75		1445.4							
	OBS	00017	- 0.34	32.44	26.08		1444.4							
	OBS	00019	- 0.44	32.59	26.20		1444.2							
	STO	00020	- 0.63	32.61	26.23	00.045	1443.4							
	OBS	00020	- 0.80	32.63	26.25		1442.6							
	OBS	00024	- 1.38	32.75	26.36		1440.1							
	STO	00030	- 1.59	32.87	26.47	00.066	1439.4							
	OBS	00030	- 1.60	32.88	26.47		1439.4							
	OBS	00036	- 1.59	32.95	26.53		1439.6							
	OBS	00047	- 1.37	33.06	26.61		1441.0							
	STO	00050	- 1.04	33.11	26.65	00.096	1442.7							
	OBS	00051	- 0.93	33.14	26.67		1443.2							
	OBS	00059	- 1.41	33.20	26.73		1441.2							
	STO	00075	- 1.27	33.33	26.83	00.125	1442.3							
	OBS	00076	- 1.26	33.34	26.84		1442.4							
	STO	00100	- 1.20	33.47	26.94	00.158	1443.3							
	OBS	00100	- 1.19	33.47	26.94		1443.3							
	STO	00125	- 0.99	33.61	27.04	00.185	1444.9							
	OBS	00125	- 0.98	33.61	27.05		1444.9							
	STO	00150	- 0.73	33.73	27.13	00.205	1446.6							
	OBS	00152	- 0.70	33.74	27.14		1446.8							
	OBS	00177	- 0.26	33.87	27.23		1449.5							
	OBS	00196	- 0.21	33.88	27.23		1450.0							

TABLE 11. USCGC EVERGREEN, April and May-June, 1977.—Continued

N O O C S T A T I O N C A T A

REFID 31 8463	YEAR 1975	BDTOP 00176	AIR TEMP 04.0	DIA MGT PER	WIND-DIR 21	INST STD RECORDER	TEN SG 1407
CONSEC 0177	MONTH 07	SHIP EV	WET BULB 03.5	00 A A	WIND-SPD 05	TRACE DIR C	5 SQUARE 1
LAT 54 19.34	DAY 01	DATA USE 1	BAROMETR 1002.3	SEA	WIND-FOR	DURATION 00.1	2 SQUARE 44
LONG 054 41.54	MOUR 03.8	AREA 05	CLOUD T/A	CL/TR	WEATHER X0	ORIG 011 956	1 SQUARE 44

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNORTH	SHO VEL	DZYG	PO4	TOT P	NO2	NO3	SIG3	PH
	STD	00000	02.17	31.42	25.12	00.000	1454.1							
03.8	085	00001	02.17	31.42	25.12		1454.1							
	085	00005	02.16	31.45	25.14		1454.2							
	STD	00010	01.85	31.74	25.40	00.027	1453.3							
	085	00011	01.76	31.81	25.46		1453.0							
	STD	00020	01.69	31.86	25.51	00.053	1452.9							
	085	00020	01.23	31.87	25.54		1450.9							
	085	00022	- 0.01	32.15	25.83		1445.7							
	085	00026	- 0.55	32.57	26.19		1443.8							
	STD	00030	- 0.58	32.82	26.40	00.073	1444.1							
	085	00030	- 0.58	32.86	26.43		1444.1							
	085	00032	- 0.81	33.01	26.56		1443.3							
	085	00034	- 0.75	32.59	26.54		1443.6							
	085	00036	- 1.06	33.02	26.57		1442.2							
	STD	00050	- 1.30	33.19	26.72	00.103	1441.6							
	085	00051	- 1.32	33.20	26.73		1441.5							
	085	00053	- 1.35	33.21	26.74		1441.4							
	STD	00075	- 1.27	33.37	26.86	00.134	1442.4							
	085	00076	- 1.26	33.38	26.87		1442.4							
	STD	00100	- 1.09	33.55	27.01	00.162	1443.9							
	085	00100	- 1.06	33.56	27.01		1444.0							
	STD	00125	- 0.81	33.72	27.13	00.187	1445.8							
	085	00125	- 0.80	33.72	27.13		1445.9							
	STD	00150	- 0.51	33.86	27.22	00.210	1446.6							
	085	00150	- 0.50	33.86	27.22		1446.6							

REFID 31 8463	YEAR 1975	BDTOP 00161	AIR TEMP 05.0	DIA MGT PER	WIND-DIR 19	INST STD RECORDER	TEN SG 1407
CONSEC 0178	MONTH 07	SHIP EV	WET BULB 04.0	00 A A	WIND-SPD 09	TRACE DIR 0	5 SQUARE 1
LAT 54 11.04	DAY 01	DATA USE 1	BAROMETR 1022.0	SEA	WIND-FOR	DURATION 00.0	2 SQUARE 44
LONG 054 55.74	MOUR 03.6	AREA 05	CLOUD T/A	CL/TR	WEATHER X0	ORIG 011 957	1 SQUARE 44

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNORTH	SHO VEL	DZYG	PO4	TOT P	NO2	NO3	SIG3	PH
	STD	00000	02.17	31.23	24.97	00.000	1453.5							
05.6	085	00001	02.17	31.23	24.97		1453.5							
	085	00009	01.89	31.24	25.00		1452.6							
	STD	00010	01.76	31.21	24.98	00.030	1452.2							
	085	00011	01.43	31.19	24.99		1450.7							
	085	00013	01.04	31.27	25.07		1449.1							
	STD	00020	00.86	31.70	25.43	00.058	1449.0							
	085	00023	00.60	31.60	25.51		1448.8							
	085	00024	00.44	32.31	25.94		1448.0							
	085	00028	- 0.34	32.74	26.32		1445.1							
	STD	00030	- 0.25	32.89	26.44	00.078	1445.7							
	085	00030	- 0.21	32.92	26.46		1445.9							
	085	00032	- 0.03	32.85	26.43		1446.8							
	085	00036	- 0.62	33.05	26.58		1444.3							
	085	00038	- 0.59	33.00	26.54		1444.4							
	085	00040	- 0.65	33.04	26.58		1444.2							
	STD	00050	- 1.01	33.23	26.74	00.107	1443.0							
	085	00051	- 1.04	33.25	26.76		1442.5							
	085	00055	- 1.10	33.31	26.81		1442.6							
	STD	00075	- 0.95	33.52	26.97	00.137	1444.1							
	085	00076	- 0.94	33.53	26.98		1444.2							
	STD	00100	- 0.65	33.71	27.12	00.163	1446.2							
	085	00100	- 0.63	33.72	27.12		1446.3							
	STD	00125	00.07	33.57	27.30	00.185	1450.3							
	085	00125	00.09	33.98	27.30		1450.4							
	085	00139	00.52	34.11	27.38		1452.7							

TABLE II. USCGC EVERGREEN, April and May-June, 1977.—Continued

N D O C S T A T I O N D A T A

REFID 31 8463	YEAR 1975	BOTOP 00141	AIR TEMP 05.0	DIR MGT PER	WIND-DIR 21	INST STO RECORDER	TEN SO 1407
CONSEC 0175	MONTH 07	SHIP EV	WET BULB 04.0	00 X X	WIND-SPD 11	TRACE DIR 0	5 SQUARE 2
LAT 34 02.8N	DAY 01	DATA USE 1	BAROMETER 1021.5	SEA	WIND-FOR	DURATION 00.1	2 SQUARE 44
LONG 055 10.0E	MOON 06.9	AREA 05	CLOUD T/A	CL/T/A	WEATHER X0	ORIG 011 956	1 SQUARE 45

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	CHYG	PD4	TOT P	MO2	MO3	S103	PH
	STD	00000	02.80	31.25	24.94	00.000	1456.7							
06.5	DBS	00001	02.80	31.25	24.94		1456.7							
	DBS	00005	02.80	31.22	24.91		1456.7							
	DBS	00007	02.53	31.20	24.92		1455.5							
	STD	00010	02.43	31.21	24.93	00.030	1455.2							
	DBS	00011	02.34	31.21	24.94		1454.8							
	DBS	00013	02.12	31.26	25.00		1453.9							
	STD	00020	01.29	31.64	25.35	00.055	1450.8							
	DBS	00020	01.10	31.79	25.49		1450.2							
	DBS	00022	00.63	32.18	25.82		1448.6							
	DBS	00024	- 0.13	32.54	26.15		1445.7							
	DBS	00026	- 0.66	32.68	26.28		1443.5							
	STD	00030	- 0.93	32.79	26.38	00.080	1442.4							
	DBS	00030	- 0.97	32.80	26.39		1442.2							
	STD	00050	- 1.30	33.16	26.69	00.110	1441.5							
	DBS	00051	- 1.31	33.18	26.71		1441.5							
	STD	00075	- 1.08	33.43	26.92	00.141	1443.4							
	DBS	00076	- 1.07	33.46	26.93		1443.4							
	STD	00100	- 0.92	33.68	27.10	00.168	1444.9							
	DBS	00100	- 0.90	33.69	27.11		1445.0							
	DBS	00123	- 0.21	33.88	27.23		1448.8							

REFID 31 8463	YEAR 1975	BOTOP 00179	AIR TEMP 07.5	DIR MGT PER	WIND-DIR 20	INST STO RECORDER	TEN SO 1407
CONSEC 0180	MONTH 07	SHIP EV	WET BULB 04.5	00 X X	WIND-SPD 11	TRACE DIR C	5 SQUARE 2
LAT 53 34.9N	DAY 01	DATA USE 1	BAROMETER 1021.6	SEA	WIND-FOR	DURATION 00.1	2 SQUARE 24
LONG 055 25.5E	MOON 08.4	AREA 05	CLOUD T/A	CL/T/A	WEATHER X0	ORIG 011 955 11	1 SQUARE 35

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	CHYG	PD4	TOT P	MO2	MO3	S103	PH
	STD	00000	02.04	31.12	24.89	00.000	1453.1							
08.4	DBS	00003	02.04	31.12	24.89		1453.2							
	STD	00010	00.73	31.48	25.26	00.029	1447.5							
	DBS	00011	00.61	31.52	25.30		1447.4							
	DBS	00013	00.55	31.54	25.31		1447.2							
	DBS	00017	- 0.10	32.06	25.76		1445.0							
	DBS	00019	- 0.76	32.44	26.09		1442.5							
	STD	00020	- 0.97	32.52	26.17	00.052	1441.7							
	DBS	00020	- 1.12	32.59	26.23		1441.1							
	DBS	00022	- 1.34	32.74	26.35		1440.3							
	DBS	00024	- 1.32	32.78	26.39		1440.5							
	DBS	00026	- 1.06	32.87	26.45		1441.9							
	DBS	00028	- 0.55	32.89	26.45		1444.3							
	STD	00030	- 0.93	32.88	26.46	00.065	1442.4							
	DBS	00032	- 1.42	32.86	26.45		1440.2							
	DBS	00034	- 1.55	32.93	26.51		1435.6							
	DBS	00038	- 1.41	32.96	26.53		1440.5							
	DBS	00041	- 0.59	33.01	26.55		1444.5							
	DBS	00043	- 0.86	33.12	26.65		1443.4							
	STD	00050	- 0.88	33.17	26.65	00.058	1443.5							
	DBS	00051	- 0.89	33.18	26.70		1443.5							
	STD	00075	- 1.22	33.33	26.83	00.131	1442.5							
	DBS	00076	- 1.23	33.34	26.84		1442.5							
	STD	00100	- 1.21	33.47	26.95	00.160	1443.2							
	DBS	00100	- 1.21	33.48	26.95		1443.2							
	STD	00125	- 0.98	33.63	27.06	00.186	1444.9							
	DBS	00125	- 0.97	33.65	27.06		1445.0							
	STD	00130	- 0.77	33.75	27.15	00.210	1446.5							
	DBS	00150	- 0.76	33.75	27.15		1446.5							
	DBS	00165	- 0.30	33.86	27.22		1449.1							

REFID 31 8463	YEAR 1975	BOTOP 00135	AIR TEMP 07.5	DIR MGT PER	WIND-DIR 16	INST STO RECORDER	TEN SO 1407
CONSEC 0181	MONTH 07	SHIP EV	WET BULB 05.9	00 X X	WIND-SPD 11	TRACE DIR 0	5 SQUARE 2
LAT 53 45.3N	DAY 01	DATA USE 1	BAROMETER 1021.3	SEA	WIND-FOR	DURATION 00.0	2 SQUARE 24
LONG 055 41.8W	MOON 10.0	AREA 05	CLOUD T/A	CL/T/A	WEATHER X0	ORIG 011 960	1 SQUARE 35

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	CHYG	PD4	TOT P	MO2	MO3	S103	PH
	STD	00000	01.76	30.76	24.64	00.000	1451.4							
10.0	DBS	00003	01.76	30.78	24.64		1451.5							
	DBS	00005	01.82	30.75	24.64		1451.6							
	STD	00010	01.01	30.81	24.66	00.033	1451.8							
	DBS	00017	01.13	31.12	24.95		1449.3							
	DBS	00019	00.79	31.41	25.20		1448.2							
	STD	00020	00.30	31.75	25.48	00.042	1446.5							
	DBS	00020	- 0.12	31.98	25.70		1444.6							
	DBS	00022	- 0.94	32.38	26.05		1441.7							
	STD	00030	- 1.28	32.68	26.31	00.083	1440.6							
	DBS	00030	- 1.30	32.70	26.32		1440.5							
	DBS	00040	- 1.57	32.86	26.46		1439.7							
	STD	00050	- 1.55	32.93	26.51	00.116	1440.0							
	DBS	00051	- 1.55	32.94	26.52		1440.1							
	STD	00075	- 1.43	33.16	26.70	00.152	1441.3							
	DBS	00076	- 1.43	33.17	26.71		1441.3							
	STD	00100	- 1.34	33.32	26.82	00.184	1442.4							
	DBS	00100	- 1.34	33.32	26.82		1442.4							
	DBS	00110	- 1.30	33.37	26.86		1442.8							

TABLE III. USCGC CHASE, August-September, 1977.

MOOD STATION DATA

PSFIC 31 8155	YEAR 1975	BDTOP 00142	AIR TEMP 10.0	DIR HGT PER	WIND-DIR 00	INST STD RECORDER	TEN SO 1306
CDNSIC 0001	MONTH 08	SHIP E1	WET BULB 09.7	00 0 X	WIND-SPD 00	TRACE DIR 0	5 SQUARE 4
LAT 47 03.0N	DAY 30	DATA USE 1	BARCHMETR 1019.0	SEA	WIND-FOR	DURATICA 00.0	2 SQUARE 68
LONG 048 03.0W	MOUR 04.5	AREA 05	CLOUD T/A	CL/TR	WEATHER A4	DRIG A2 06101	1 SQUARE 78

CASTNO/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	DRYG	PO4	TCT P	NO2	NO3	SIO3	PH
04.9	STD	00000	09.84	31.59	24.34	00.000	1485.4							
	OBS	00000	09.84	31.59	24.34		1485.4							
	STD	00010	09.81	31.64	24.39	00.036	1485.6							
	OBS	00010	09.81	31.64	24.39		1485.6							
	STD	00020	04.11	32.32	25.67	00.065	1464.0							
	OBS	00020	04.11	32.32	25.67		1464.0							
	STD	00030	00.16	32.50	26.11	00.086	1447.0							
	OBS	00030	00.16	32.50	26.11		1447.0							
	OBS	00035	- 0.65	32.75	26.34		1443.6							
	OBS	00040	- 0.92	32.83	26.41		1442.7							
	OBS	00046	- 0.58	32.88	26.46		1442.6							
	STD	00050	- 0.93	32.92	26.49	00.121	1442.9							
	OBS	00050	- 0.93	32.92	26.49		1442.9							
	OBS	00055	- 0.80	32.56	26.52		1443.7							
	STD	00075	- 1.46	33.03	26.55	00.159	1441.0							
	OBS	00075	- 1.46	33.03	26.59		1441.0							
	OBS	00077	- 1.52	33.09	26.64		1440.8							
	OBS	00085	- 1.35	33.12	26.66		1441.8							
	OBS	00095	- 1.28	33.20	26.73		1442.4							
	STD	00100	- 1.28	33.24	26.76	00.193	1442.5							
	OBS	00100	- 1.28	33.24	26.76		1442.5							
	OBS	00105	- 1.27	33.30	26.81		1442.8							
	OBS	00115	- 1.12	33.32	26.82		1443.7							
	OBS	00122	- 1.02	33.39	26.87		1444.3							

PSFIC 31 8155	YEAR 1975	BDTOP 00174	AIR TEMP 10.0	DIR HGT PER	WIND-DIR 27	INST STD RECORDER	TEN SO 1306
CDNSIC 0002	MONTH 08	SHIP E1	WET BULB 09.7	00 0 1	WIND-SPD 06	TRACE DIR 0	5 SQUARE 4
LAT 47 01.0N	DAY 30	DATA USE 1	BARCHMETR 1016.9	SEA	WIND-FOR	DURATICA 00.1	2 SQUARE 66
LONG 047 42.5W	MOUR 06.6	AREA 05	CLOUD T/A	CL/TR	WEATHER A4	DRIG A2 06102	1 SQUARE 77

CASTNO/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	DRYG	PO4	TCT P	NO2	NO3	SIO3	PH
06.6	STD	00000	09.84	31.62	24.37	00.000	1485.5							
	OBS	00000	09.84	31.62	24.37		1485.5							
	STD	00010	08.04	31.65	24.70	00.034	1478.9							
	OBS	00010	08.04	31.69	24.70		1478.9							
	STD	00020	00.75	32.44	26.09	00.060	1449.5							
	OBS	00020	00.75	32.44	26.09		1449.5							
	OBS	00027	- 1.17	32.65	26.28		1441.0							
	STD	00030	- 1.20	32.69	26.31	00.079	1441.0							
	OBS	00030	- 1.20	32.69	26.31		1441.0							
	OBS	00035	- 1.21	32.72	26.33		1441.1							
	OBS	00040	- 1.27	32.74	26.35		1440.9							
	STD	00050	- 1.27	32.87	26.46	00.112	1441.2							
	OBS	00050	- 1.27	32.87	26.46		1441.2							
	OBS	00060	- 1.29	32.94	26.52		1441.4							
	OBS	00065	- 1.33	32.98	26.55		1441.4							
	OBS	00072	- 1.33	33.03	26.59		1441.6							
	STD	00075	- 1.24	33.03	26.59	00.150	1442.0							
	OBS	00075	- 1.24	33.03	26.59		1442.0							
	OBS	00088	- 1.25	33.12	26.66		1442.3							
	OBS	00095	- 1.30	33.17	26.70		1442.3							
	STD	00100	- 1.26	33.24	26.76	00.184	1442.6							
	OBS	00100	- 1.26	33.24	26.76		1442.6							
	OBS	00115	- 1.25	33.37	26.86		1443.1							
	STD	00125	- 1.11	33.48	26.95	00.214	1444.1							
	OBS	00125	- 1.11	33.48	26.95		1444.1							
	STD	00150	- 0.45	33.77	27.16	00.239	1447.8							
	OBS	00150	- 0.49	33.77	27.16		1447.8							

TABLE III. USCGC CHASE, August-September, 1977.—Continued

M D O C S T A T I O N D A T A

REFID 31 8155	YEAR 1975	BOTOP 00203	ATR TEMP 07.8	OIR HGT PER	WIND-OIR 27	INST STO RECORDER	TEM SQ 1306
CONSEC 0003	MONTH 08	SHIP E1	NET BULB 07.5	23 2 5	WIND-SPO 07	TRACE DIR 0	5 SQUARE 4
LAT 47 01.0N	DAY 30	DATA USE 1	BAROMETR 1015.6	SEA	WIND-FOR	DURATION 00.1	2 SQUARE 66
LONG 147 30.0W	MOUR 06.0	AREA 05	CLOUD T/A	CL/YR	WEATHER K4	ORIG A2 06103	1 SQUARE 77

CASSTN/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYNPTH	SMC VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
08.0	STD	00000	08.55	31.56	24.51	00.000	1480.7							
	D85	00000	08.55	31.56	24.51		1480.7							
	STD	00010	06.10	31.82	25.05	00.032	1471.4							
	D85	00010	06.10	31.82	25.05		1471.4							
	STD	00020	- 0.75	32.54	26.17	00.056	1442.7							
	D85	00020	- 0.75	32.54	26.17		1442.7							
	STD	00024	- 0.60	32.57	26.19		1443.5							
	D85	00024	- 0.60	32.57	26.19		1443.5							
	STD	00030	- 1.16	32.71	26.33	00.073	1441.1							
	D85	00030	- 1.16	32.71	26.33		1441.1							
	STD	00031	- 1.25	32.74	26.35		1440.8							
	D85	00031	- 1.25	32.74	26.35		1440.8							
	STD	00043	- 1.37	32.85	26.44		1440.6							
	D85	00043	- 1.37	32.85	26.44		1440.6							
	STD	00050	- 1.24	32.92	26.50	00.106	1441.5							
	D85	00050	- 1.24	32.92	26.50		1441.5							
	STD	00052	- 1.31	32.98	26.55		1441.2							
	D85	00052	- 1.31	32.98	26.55		1441.2							
	STD	00055	- 1.28	32.99	26.56		1441.5							
	D85	00055	- 1.28	32.99	26.56		1441.5							
	STD	00060	- 1.35	33.06	26.61		1441.3							
	D85	00060	- 1.35	33.06	26.61		1441.3							
	STD	00075	- 1.32	33.17	26.70	00.142	1441.8							
	D85	00075	- 1.32	33.17	26.70		1441.8							
	STD	00079	- 1.36	33.23	26.75		1441.8							
	D85	00079	- 1.36	33.23	26.75		1441.8							
	STD	00100	- 1.06	33.47	26.94	00.173	1443.9							
	D85	00100	- 1.06	33.47	26.94		1443.9							
	STD	00125	- 0.49	33.71	27.11	00.195	1447.3							
	D85	00125	- 0.49	33.71	27.11		1447.3							
	STD	00150	- 0.20	33.79	27.16	00.222	1449.2							
	D85	00150	- 0.20	33.79	27.16		1449.2							
	STD	00158	- 0.13	33.52	27.26		1445.8							
	D85	00158	- 0.13	33.52	27.26		1445.8							
	STD	00180	00.87	34.06	27.32		1454.9							
	D85	00180	00.87	34.06	27.32		1454.9							

REFID 31 8155	YEAR 1975	BOTOP 00495	ATR TEMP 09.1	OIR HGT PER	WIND-OIR 33	INST STO RECORDER	TEM SQ 1306
CONSEC 0004	MONTH 08	SHIP E1	NET BULB 08.3	10 2 3	WIND-SPO 12	TRACE DIR 0	5 SQUARE 4
LAT 47 00.0N	DAY 30	DATA USE 1	BAROMETR 1020.0	SEA	WIND-FOR	DURATION 00.2	2 SQUARE 66
LONG 047 13.5W	MOUR 05.6	AREA 05	CLOUD T/A	CL/YR	WEATHER X2	ORIG A2 06104	1 SQUARE 77

CASSTN/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYNPTH	SMC VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
05.6	STD	00000	10.55	32.41	24.85	00.000	1469.2							
	D85	00000	10.55	32.41	24.85		1469.2							
	STD	00007	10.59	32.41	24.85		1469.3							
	D85	00007	10.59	32.41	24.85		1469.3							
	STD	00010	10.45	32.41	24.88	00.031	1488.9							
	D85	00010	10.45	32.41	24.88		1488.9							
	STD	00016	10.19	32.41	24.92		1468.0							
	D85	00016	10.19	32.41	24.92		1468.0							
	STD	00020	10.24	33.76	25.96	00.057	1450.0							
	D85	00020	10.24	33.76	25.96		1450.0							
	STD	00030	04.83	33.66	26.61	00.073	1469.3							
	D85	00030	04.83	33.66	26.61		1469.3							
	STD	00050	00.74	34.06	27.33	00.093	1452.2							
	D85	00050	00.74	34.06	27.33		1452.2							
	STD	00056	00.81	34.12	27.37		1452.7							
	D85	00056	00.81	34.12	27.37		1452.7							
	STD	00063	01.72	34.26	27.42		1457.1							
	D85	00063	01.72	34.26	27.42		1457.1							
	STD	00071	01.19	34.20	27.41		1454.7							
	D85	00071	01.19	34.20	27.41		1454.7							
	STD	00075	01.37	34.34	27.51	00.110	1455.8							
	D85	00075	01.37	34.34	27.51		1455.8							
	STD	00080	01.56	34.35	27.51		1456.7							
	D85	00080	01.56	34.35	27.51		1456.7							
	STD	00090	01.55	34.40	27.55		1456.9							
	D85	00090	01.55	34.40	27.55		1456.9							
	STD	00100	01.70	34.43	27.56	00.124	1457.8							
	D85	00100	01.70	34.43	27.56		1457.8							
	STD	00110	01.82	34.44	27.56		1456.5							
	D85	00110	01.82	34.44	27.56		1456.5							
	STD	00120	01.82	34.44	27.56		1458.7							
	D85	00120	01.82	34.44	27.56		1458.7							
	STD	00125	01.65	34.43	27.56	00.137	1458.0							
	D85	00125	01.65	34.43	27.56		1458.0							
	STD	00150	01.54	34.50	27.60	00.151	1455.8							
	D85	00150	01.54	34.50	27.60		1455.8							
	STD	00157	02.06	34.53	27.61		1460.5							
	D85	00157	02.06	34.53	27.61		1460.5							
	STD	00176	02.08	34.55	27.63		1460.9							
	D85	00176	02.08	34.55	27.63		1460.9							
	STD	00200	02.28	34.60	27.65	00.175	1462.2							
	D85	00200	02.28	34.60	27.65		1462.2							
	STD	00240	02.63	34.67	27.68		1464.5							
	D85	00240	02.63	34.67	27.68		1464.5							
	STD	00250	02.69	34.68	27.68	00.197	1463.0							
	D85	00250	02.69	34.68	27.68		1463.0							
	STD	00256	02.73	34.65	27.68		1465.2							
	D85	00256	02.73	34.65	27.68		1465.2							
	STD	00290	02.57	34.72	27.65		1466.9							
	D85	00290	02.57	34.72	27.65		1466.9							
	STD	00300	02.97	34.73	27.69	00.215	1467.1							
	D85	00300	02.97	34.73	27.69		1467.1							
	STD	00335	02.57	34.72	27.69		1467.6							
	D85	00335	02.57	34.72	27.69		1467.6							
	STD	00345	02.92	34.73	27.70		1467.6							
	D85	00345	02.92	34.73	27.70		1467.6							
	STD	00380	02.52	34.74	27.71		1468.2							
	D85	00380	02.52	34.74	27.71		1468.2							
	STD	00350	02.56	34.74	27.70		1468.5							
	D85	00350	02.56	34.74	27.70		1468.5							
	STD	00400	02.96	34.74	27.70	00.262	1466.7							
	D85	00400	02.96	34.74	27.70		1466.7							
	STD	00450	02.96	34.74	27.70		1469.5							
	D85	00450	02.96	34.74	27.70		1469.5							

TABLE III. USCGC CHASE, August-September, 1977.--Continued

N C O C S T A T I O N E A T A

#SF10 31	MISS	YEAR 1975	BDTDP 01103	AIR TEMP 10.0	DIR HGT PER	WIND-DIR 34	INST STO RECORDER	TEN 50 1306
CONSEC	OC05	MONTH 08	SHIP E1	WET BULB 09.4	00 0 X	WIND-SPO 04	TRACE OIR 0	5 SQUARE 4
LA" 47 03.0M		DAY 30	DATA USE 1	BAROMETER 1021.0	SEA	WIND-FOR	DURATION 00.4	2 SQUARE 66
LONG 047 00.0M		MOOR 11.6	AREA 05	CLOUD T/A	CL/7R	WEATHER X1	ORIG A2 06105	1 SQUARE 77

EASTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	CTDDEPTH	SHO VEL	DAYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STO	00000	10.53	32.67	25.00	00.000	1450.8							
11.6	OBS	00000	10.93	32.67	25.00		1450.8							
	STO	00010	11.84	33.73	25.65	00.027	1455.3							
	OBS	00010	11.84	33.73	25.65		1455.3							
	STO	00020	11.03	34.15	26.13	00.046	1453.3							
	OBS	00020	11.03	34.15	26.13		1453.3							
	STO	00030	05.65	34.43	27.17	00.062	1473.4							
	OBS	00030	05.65	34.43	27.17		1473.4							
	STO	00040	04.08	34.57	27.46		1467.3							
	OBS	00040	04.08	34.57	27.46		1467.3							
	STO	00050	03.63	34.55	27.52	00.077	1465.6							
	OBS	00050	03.63	34.55	27.52		1465.6							
	STO	00075	03.06	34.66	27.63	00.090	1463.6							
	OBS	00075	03.06	34.66	27.63		1463.6							
	STO	00090	02.84	34.69	27.67		1463.0							
	OBS	00100	02.55	34.70	27.67	00.101	1463.6							
	STO	00100	02.95	34.70	27.67		1463.6							
	OBS	00125	02.56	34.73	27.70	00.112	1464.1							
	STO	00125	02.56	34.73	27.70		1464.1							
	OBS	00150	02.54	34.74	27.71	00.122	1464.5							
	STO	00150	02.54	34.74	27.71		1464.5							
	OBS	00170	02.96	34.77	27.73		1464.5							
	STO	00200	02.96	34.76	27.73	00.142	1465.4							
	OBS	00200	02.96	34.76	27.73		1465.4							
	STO	00250	03.03	34.78	27.73	00.162	1466.5							
	OBS	00250	03.03	34.78	27.73		1466.5							
	STO	00300	03.14	34.82	27.75	00.181	1467.9							
	OBS	00300	03.14	34.82	27.75		1467.9							
	STO	00350	03.19	34.83	27.75		1469.0							
	OBS	00350	03.19	34.83	27.75		1469.0							
	STO	00400	03.11	34.83	27.76	00.215	1469.4							
	OBS	00400	03.11	34.83	27.76		1469.4							
	STO	00500	03.13	34.84	27.77	00.256	1471.2							
	OBS	00500	03.13	34.84	27.77		1471.2							
	STO	00550	03.17	34.85	27.77		1472.9							
	OBS	00550	03.17	34.85	27.77		1472.9							
	STO	00600	03.27	34.86	27.77	00.295	1473.5							
	OBS	00600	03.27	34.86	27.77		1473.5							
	STO	00620	03.21	34.85	27.77		1473.5							
	OBS	00631	03.21	34.85	27.77		1473.7							
	STO	00636	03.26	34.86	27.77		1474.0							
	OBS	00650	03.25	34.85	27.76		1474.2							
	STO	00660	03.22	34.85	27.77		1474.3							
	OBS	00700	03.22	34.86	27.77	00.333	1474.5							
	STO	00700	03.22	34.86	27.77		1474.5							
	OBS	00715	03.25	34.86	27.77		1475.3							
	STO	00725	03.16	34.85	27.77		1475.2							
	OBS	00800	03.24	34.86	27.77	00.373	1476.7							
	STO	00800	03.24	34.86	27.77		1476.7							
	OBS	00821	03.27	34.86	27.77		1477.2							
	STO	00850	03.20	34.84	27.76		1477.4							
	OBS	00900	03.20	34.84	27.76	00.413	1478.1							
	STO	00900	03.20	34.84	27.76		1478.1							
	OBS	01000	03.20	34.85	27.77	00.455	1478.6							
	STO	01000	03.20	34.85	27.77		1478.6							
	OBS	01050	03.23	34.85	27.77		1480.6							

TABLE III. USCGC CHASE, August-September, 1977.—Continued

MOOC STATION DATA

FEFID 31 8153	YEAR 1975	BOTOP 01132	AIR TEMP 10.7	OIR PGT PER	WIND-014 33	INST STO RECORDER	TEN SQ 1306
CONSEC 0306	MONTH 08	SHIP E1	WET BULB 09.7	33 3 3	WIND-SPO 04	TRACE 01A 0	5 SQUARE 4
LA* 47 00.0N	DAY 30	DATA USE 1	BAROMETER 1020.7	SEA	WIND-FOR	DURATION 00.2	2 SQUARE 66
LONG 046 45.0W	MOUR 13.3	AREA 05	CLOUD 7/A	CL/TR	WEATHER X1	ORIG A2 06106	1 SQUARE 76

CASNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNDEPTH	SND VEL	OXYG	PO4	TOT P	AQ2	AQ3	S103	PH
13.5	STO	00000	11.48	33.07	25.21	00.000	1493.2							
	085	00000	11.48	33.07	25.21		1493.2							
	STO	00010	11.18	33.08	25.27	00.027	1492.3							
	085	00010	11.18	33.08	25.27		1492.3							
	STO	00020	11.18	34.22	26.16	00.030	1493.9							
	085	00020	11.18	34.22	26.16		1493.9							
	STO	00030	01.43	33.92	27.17	00.064	1494.8							
	085	00030	01.43	33.92	27.17		1494.8							
	085	00035	01.11	34.12	27.35		1493.7							
	085	00044	01.40	34.15	27.36		1493.2							
	085	00044	01.33	34.13	27.34		1494.9							
	STO	00050	01.42	34.18	27.38	00.080	1495.4							
	085	00050	01.42	34.18	27.38		1495.4							
	085	00060	02.20	34.34	27.45		1499.2							
	085	00070	01.93	34.30	27.44		1498.2							
	STO	00073	01.98	34.31	27.44	00.097	1498.3							
	085	00073	01.98	34.31	27.44		1498.3							
	085	00080	01.92	34.29	27.43		1498.3							
	STO	00100	02.60	34.51	27.55	00.112	1461.9							
	085	00100	02.60	34.51	27.55		1461.9							
	085	00112	02.81	34.35	27.57		1463.0							
	085	00122	02.43	34.52	27.57		1461.3							
	STO	00123	02.46	34.54	27.59	00.126	1461.7							
	085	00123	02.46	34.54	27.59		1461.7							
	085	00130	02.50	34.55	27.59		1462.0							
	085	00137	02.42	34.55	27.60		1461.7							
	STO	00130	02.60	34.63	27.63	00.138	1462.8							
	085	00130	02.60	34.63	27.65		1462.8							
	085	00186	03.13	34.72	27.67		1465.9							
	085	00192	03.04	34.71	27.67		1465.5							
	STO	00200	03.06	34.72	27.68	00.161	1465.8							
	085	00200	03.06	34.72	27.68		1465.8							
	085	00215	03.17	34.76	27.70		1466.6							
	085	00224	03.06	34.74	27.69		1466.2							
	STO	00230	03.21	34.78	27.71	00.182	1467.3							
	085	00230	03.21	34.78	27.71		1467.3							
	085	00273	03.28	34.79	27.71		1468.0							
	085	00283	03.10	34.75	27.70		1467.4							
	STO	00300	03.26	34.81	27.73	00.202	1468.4							
	085	00300	03.26	34.81	27.73		1468.4							
	085	00360	03.36	34.84	27.75		1469.5							
	STO	00400	03.36	34.84	27.75	00.242	1470.3							
	085	00400	03.36	34.84	27.75		1470.5							
	085	00430	03.36	34.83	27.73		1471.0							
	085	00462	03.50	34.86	27.73		1472.2							
	STO	00500	03.52	34.86	27.75	00.282	1472.9							
	085	00500	03.52	34.86	27.75		1472.9							
	STO	00600	03.30	34.84	27.73	00.322	1473.6							
	085	00600	03.30	34.84	27.73		1473.6							
	085	00613	03.26	34.84	27.73		1473.6							
	085	00642	03.27	34.83	27.76		1474.2							
	085	00647	03.30	34.85	27.76		1474.4							
	085	00694	03.30	34.87	27.77		1475.2							
	STO	00700	03.37	34.87	27.77	00.362	1475.6							
	085	00700	03.37	34.87	27.77		1475.6							
	085	00754	03.36	34.86	27.76		1477.1							
	STO	00800	03.33	34.83	27.76	00.403	1477.0							
	085	00800	03.33	34.85	27.76		1477.0							
	085	00843	03.33	34.85	27.76		1477.8							
	085	00847	03.29	34.84	27.75		1477.6							
	085	00873	03.35	34.86	27.76		1478.4							
	STO	00900	03.35	34.86	27.76	00.444	1478.8							
	085	00900	03.33	34.86	27.76		1478.8							
	085	00930	03.36	34.87	27.77		1479.7							
	085	00960	03.30	34.86	27.77		1479.6							
	085	00969	03.33	34.87	27.77		1479.9							
	085	00978	03.23	34.85	27.76		1479.7							
	STO	01000	03.24	34.85	27.76	00.486	1480.0							
	085	01000	03.24	34.85	27.76		1480.0							
	085	01036	03.27	34.86	27.77		1481.1							
	085	01070	03.32	34.87	27.77		1481.5							
	STO	01100	03.32	34.86	27.76	00.525	1482.0							
	085	01100	03.32	34.86	27.76		1482.0							

TABLE III. USCGC CHASE, August-September, 1977.—Continued

MOOC STATION DATA														
REFID 31 8155	YEAR 1975	BOTOP 00471	AIR TEMP 11.1	OIR HGT PER	WIND-DIR 34	INST STO RECORDER	TEN SO 1306							
CONSEC 0007	MONTH 08	SHIP E1	WET GULB 10.2	03 3 4	WIND-SPD 09	TRACE CIR 0	5 SQUARE 4							
LA° 47 00.0W	DAY 30	DATA USE 1	BAROMETR 1021.0	SEA	WIND-FOR	DURATION 00.1	2 SQUARE 66							
LONG 046 31.0W	HOOR 15.4	AREA 05	CLOUD T/4	CL/T/4	WEATHER A1	CRIG A2 06107	1 SQUARE 76							
CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SNO VEL	DAYG	PD4	TOT P	MO2	MO3	SIO3	PH
13.4	STO	00000	11.75	32.79	24.94	00.000	1493.8							
	OBS	00000	11.75	32.79	24.94		1453.8							
	STO	00010	11.31	32.93	25.13	00.025	1452.6							
	OBS	00010	11.31	32.93	25.13		1452.6							
	STO	00020	08.07	34.11	26.59	00.051	1482.4							
	OBS	00020	08.07	34.11	26.59		1482.4							
	STO	00030	03.82	33.90	26.95	00.064	1465.1							
	OBS	00030	03.82	33.90	26.95		1465.1							
	OBS	00040	02.97	34.02	27.13		1461.6							
	STO	00050	02.79	34.11	27.22	00.084	1461.3							
	OBS	00050	02.79	34.11	27.22		1461.3							
	OBS	00060	02.81	34.17	27.26		1461.6							
	STO	00075	02.87	34.27	27.34	00.104	1462.3							
	OBS	00075	02.87	34.27	27.34		1462.3							
	OBS	00090	03.45	34.42	27.40		1465.2							
	STO	00100	03.25	34.41	27.41	00.122	1464.5							
	OBS	00100	03.25	34.41	27.41		1464.5							
	OBS	00105	03.19	34.40	27.41		1464.3							
	STO	00125	03.51	34.63	27.56	00.137	1466.3							
	OBS	00125	03.51	34.63	27.56		1466.3							
	OBS	00140	03.95	34.67	27.55		1468.7							
	STO	00150	03.57	34.66	27.54	00.151	1468.7							
	OBS	00150	03.57	34.66	27.54		1468.7							
	OBS	00165	03.32	34.57	27.53		1466.1							
	OBS	00175	03.41	34.67	27.60		1466.6							
	OBS	00190	03.68	34.73	27.63		1468.3							
	OBS	00195	03.45	34.68	27.61		1467.3							
	STO	00200	03.49	34.73	27.63	00.177	1467.6							
	OBS	00200	03.45	34.71	27.63		1467.6							
	OBS	00210	03.37	34.69	27.62		1467.2							
	OBS	00212	03.42	34.71	27.64		1467.5							
	OBS	00220	03.35	34.68	27.62		1467.3							
	OBS	00230	03.66	34.76	27.65		1468.5							
	OBS	00240	03.41	34.73	27.65		1467.5							
	STO	00250	03.40	34.74	27.66	00.201	1468.1							
	OBS	00250	03.40	34.74	27.66		1468.1							
	OBS	00258	03.31	34.72	27.65		1467.8							
	OBS	00270	03.67	34.85	27.70		1470.6							
	STO	00300	04.07	34.88	27.70	00.223	1471.9							
	OBS	00300	04.01	34.88	27.70		1471.5							
	OBS	00319	04.07	34.88	27.70		1472.2							
	OBS	00350	03.79	34.85	27.71		1471.5							
	OBS	00365	03.79	34.85	27.71		1471.8							
	OBS	00370	03.84	34.88	27.73		1472.1							
	STO	00400	03.62	34.85	27.73	00.265	1471.6							
	OBS	00400	03.62	34.85	27.73		1471.6							
	OBS	00450	03.53	34.85	27.74		1472.1							
	OBS	00450	03.53	34.85	27.74		1472.1							

REFID 31 8155	YEAR 1975	BOTOP 00300	AIR TEMP 11.4	OIR HGT PER	WIND-DIR 34	INST STC RECORDER	TEN SO 1306							
CONSEC 0008	MONTH 08	SHIP E1	WET GULB 10.6	35 3 4	WIND-SPD 09	TRACE CIR 0	5 SQUARE 4							
LA° 46 59.0W	DAY 30	DATA USE 1	BAROMETR 1021.0	SEA	WIND-FOR	DURATION 00.1	2 SQUARE 66							
LONG 046 09.0W	HOOR 17.6	AREA 05	CLOUD T/4	CL/T/4	WEATHER X1	CRIG A2 06108	3 SQUARE 66							
CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SNO VEL	DAYG	PD4	TOT P	MO2	MO3	SIO3	PH
17.6	STO	00000	13.50	32.96	24.74	00.000	1500.0							
	OBS	00000	13.50	32.96	24.74		1500.0							
	STO	00010	12.72	33.00	24.52	00.031	1491.6							
	OBS	00010	12.72	33.00	24.92		1457.6							
	STO	00020	05.65	33.62	26.53	00.054	1472.2							
	OBS	00020	05.65	33.62	26.53		1472.2							
	STO	00030	04.57	33.74	26.75	00.066	1468.0							
	OBS	00030	04.57	33.74	26.75		1468.0							
	STO	00050	02.77	33.90	27.05	00.092	1460.5							
	OBS	00050	02.77	33.90	27.05		1460.5							
	OBS	00052	02.86	33.51	27.05		1461.4							
	OBS	00055	02.76	33.91	27.06		1461.0							
	OBS	00063	02.32	33.90	27.05		1455.2							
	STO	00075	02.73	34.28	27.36	00.114	1461.7							
	OBS	00075	02.73	34.28	27.36		1461.7							
	STO	00100	03.21	34.40	27.41	00.131	1464.3							
	OBS	00100	03.21	34.40	27.41		1464.3							
	OBS	00114	03.44	34.45	27.46		1465.7							
	OBS	00120	03.36	34.47	27.45		1465.4							
	STO	00125	03.36	34.50	27.47	00.148	1465.5							
	OBS	00125	03.36	34.50	27.47		1465.5							
	OBS	00132	03.37	34.53	27.50		1465.7							
	STO	00150	03.68	34.62	27.54	00.163	1467.5							
	OBS	00150	03.68	34.62	27.54		1467.5							
	OBS	00155	03.60	34.61	27.54		1467.2							
	OBS	00160	03.64	34.68	27.55		1467.9							
	STO	00200	03.82	34.74	27.62	00.185	1469.0							
	OBS	00200	03.82	34.74	27.62		1469.0							
	OBS	00245	03.93	34.84	27.69		1470.4							
	STO	00250	03.93	34.84	27.69	00.213	1470.5							
	OBS	00250	03.93	34.84	27.69		1470.5							
	OBS	00257	03.90	34.84	27.65		1470.5							
OBS	00265	03.80	34.86	27.72		1470.5								

TABLE III. USCGC CHASE, August-September, 1977.—Continued

N O O C S T A T I O N O A T A

REFID 31 8155	YEAR 1975	BOTOP 00301	AIR TEMP 11.7	OIR PGT PER	WIND-OIR 34	INST STD RECORDER	TEM SO 1306
CONSEC 0005	MONTH 08	SHIP E1	WET BULB 11.0	34 0 2	WIND-SPO 09	TRACE CIR 0	5 SQUARE 4
LAT 46 58.5N	DAY 30	DATA USE 1	BAROMETER 1021.0	SEA	WIND-FDR	DURATIDA 00.2	2 SQUARE 64
LONG 045 49.5W	MOUR 18.9	AREA 05	CLOUD T/A	CL/TR	WEATHER A1	ORIG A2 06105	1 SQUARE 65

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYNDPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
18.9	STO	00000	14.05	32.80	24.50	00.000	1501.6							
	OBS	00000	14.05	32.80	24.50		1501.6							
	STO	00010	14.01	32.81	24.52	00.034	1501.7							
	OBS	00010	14.01	32.81	24.52		1501.7							
	STO	00020	13.72	32.83	24.59	00.068	1500.9							
	OBS	00020	13.72	32.83	24.59		1500.9							
	STO	00030	09.43	32.88	25.41	00.098	1486.1							
	OBS	00030	09.43	32.88	25.41		1486.1							
	STO	00050	02.00	33.49	26.79	00.137	1457.0							
	OBS	00050	02.00	33.49	26.79		1457.0							
	OBS	00054	02.18	33.63	26.88		1458.1							
	OBS	00060	01.62	33.83	27.09		1456.0							
	OBS	00062	01.68	33.88	27.12		1456.3							
	OBS	00068	01.64	33.87	27.12		1456.2							
	STO	00075	01.88	34.04	27.23	00.163	1457.7							
	OBS	00075	01.88	34.04	27.23		1457.7							
	OBS	00080	02.02	34.06	27.24		1458.4							
	OBS	00082	01.50	34.04	27.23		1457.9							
	OBS	00095	03.17	34.32	27.35		1464.0							
	STO	00100	03.04	34.30	27.35	00.183	1463.5							
	OBS	00100	03.04	34.30	27.35		1463.5							
	OBS	00105	03.10	34.35	27.38		1463.9							
	OBS	00106	03.05	34.34	27.38		1463.7							
	OBS	00119	03.16	34.42	27.43		1464.5							
	STO	00125	03.40	34.48	27.45	00.200	1465.7							
	OBS	00125	03.40	34.48	27.45		1465.7							
	OBS	00127	03.48	34.50	27.46		1466.1							
	OBS	00131	03.12	34.45	27.46		1464.5							
	OBS	00135	03.16	34.50	27.49		1465.0							
	OBS	00137	03.08	34.47	27.48		1464.5							
	OBS	00140	03.14	34.50	27.50		1464.8							
	OBS	00146	03.05	34.48	27.49		1464.5							
	STO	00150	03.52	34.62	27.55	00.215	1466.8							
	OBS	00150	03.52	34.62	27.55		1466.8							
	OBS	00160	04.01	34.70	27.57		1469.1							
	OBS	00162	03.92	34.68	27.56		1468.8							
	OBS	00175	03.54	34.67	27.55		1469.0							
	OBS	00180	03.85	34.68	27.57		1468.8							
	STO	00200	03.90	34.73	27.60	00.242	1469.4							
	OBS	00200	03.90	34.73	27.60		1469.4							
	OBS	00235	04.04	34.81	27.65		1470.6							
	STO	00250	04.00	34.82	27.66	00.267	1470.7							
	OBS	00250	04.00	34.82	27.66		1470.7							
	OBS	00280	03.87	34.86	27.71		1470.7							

TABLE III. USCGC CHASE, August-September, 1977.—Continued

NOOC STATION DATA

REFID	31	0438	YEAR	1973	BDTOP	03761	AIR TEMP	20.6	DIR PCT PER	WIND-DIR	04	INST BTO RECORDER	TEN SQ 1306
COMSEC		0001	MONTH	05	SHIP EL		WET BULB	15.2	OB 4 3	WIND-SPD	08	TRACE C/A	0 5 SQUARE 1
LAT	43	13.0N	DAY	01	0484 USE 1		BARC MET A	1021.3	SEA	WIND-FOR		DURATION	00.9 2 SQUARE 21
LONG	041	44.0W	MOOR	00.3	0486 03		CLOUD T/A		CL/TD	WEATHER	X2	DRG	43 04401 3 SQUARE 30

CASNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGNA-T	DYNOPHT	SNO VEL	OXYG	PO4	TOT P	AC2	NO3	SIO3	PH
00.3	STO	00000	22.54	35.76	24.66	00.000	1529.7							
	085	00000	22.54	35.76	24.66		1529.7							
	STO	00010	22.81	35.88	24.68	00.033	1530.7							
	085	00010	22.81	35.88	24.68		1530.7							
	STO	00020	21.38	36.23	25.34	00.062	1527.4							
	085	00020	21.38	36.23	25.34		1527.4							
	STO	00030	19.13	36.37	26.03	00.086	1521.8							
	085	00030	19.13	36.37	26.05		1521.8							
	STO	00050	18.34	36.37	26.25	00.123	1519.9							
	085	00050	18.34	36.37	26.25		1519.9							
	STO	00075	17.77	36.35	26.38	00.167	1518.7							
	085	00075	17.77	36.33	26.38		1518.7							
	STO	00100	17.34	36.37	26.50	00.207	1517.8							
	085	00100	17.34	36.37	26.50		1517.8							
	STO	00125	17.05	36.27	26.49	00.247	1517.3							
	085	00125	17.05	36.27	26.49		1517.3							
	STO	00150	16.31	36.19	26.81	00.286	1515.4							
	085	00150	16.31	36.19	26.61		1515.4							
	085	00180	15.94	36.14	26.86		1514.7							
	085	00185	15.95	36.13	26.65		1514.9							
	STO	00200	15.74	36.11	26.68	00.359	1514.3							
	085	00200	15.74	36.11	26.68		1514.3							
	STO	00250	15.05	36.01	26.75	00.425	1513.0							
	085	00250	15.09	36.01	26.75		1513.0							
	STO	00300	14.44	35.90	26.81	00.457	1511.6							
	085	00300	14.44	35.90	26.81		1511.6							
	STO	00400	13.09	35.68	26.92	00.627	1508.6							
	085	00400	13.09	35.68	26.92		1508.6							
	085	00420	12.89	35.85	26.54		1508.2							
	085	00430	12.91	35.65	26.53		1508.4							
	STO	00500	12.10	35.57	27.03	00.748	1506.7							
	085	00500	12.10	35.57	27.03		1506.7							
	STO	00600	10.04	35.27	27.17	00.858	1500.7							
	085	00600	10.04	35.27	27.17		1500.7							
	085	00620	09.80	35.24	27.15		1500.2							
	085	00630	09.85	35.31	27.24		1500.6							
	085	00675	08.58	35.11	27.29		1496.4							
	085	00685	08.66	35.12	27.29		1496.5							
	STO	00700	08.20	35.04	27.29	00.956	1495.3							
	085	00700	08.20	35.04	27.29		1495.3							
	085	00735	07.86	35.02	27.36		1495.7							
	085	00742	07.78	35.04	27.36		1494.3							
	STO	00800	06.93	34.97	27.43	01.041	1491.9							
	085	00800	06.93	34.97	27.43		1491.9							
	STO	00900	05.79	34.96	27.37	01.113	1485.0							
	085	00900	05.75	34.96	27.37		1489.0							
	085	00930	05.46	34.54	27.39		1488.2							
	085	00940	05.49	34.53	27.60		1488.5							
	085	00965	05.20	34.93	27.62		1487.7							
	085	00975	05.24	34.54	27.62		1488.0							
	085	00985	05.15	34.94	27.63		1487.8							
	STO	01000	05.30	34.98	27.65	01.175	1488.7							
	085	01000	05.30	34.58	27.65		1488.7							
	085	01030	05.15	34.98	27.66		1488.6							
	085	01050	05.35	35.04	27.69		1490.3							
	STO	01100	05.09	34.99	27.68	01.231	1485.6							
	085	01100	05.09	34.99	27.68		1489.6							
	085	01150	04.82	34.98	27.69		1489.3							
	085	01175	04.85	34.96	27.68		1489.8							
	085	01185	04.71	34.55	27.69		1485.4							
	STO	01200	04.73	34.56	27.70	01.286	1489.7							
	085	01200	04.73	34.96	27.70		1489.7							
	085	01220	04.64	34.95	27.70		1489.7							
	085	01240	04.62	34.96	27.71		1489.9							
	STO	01300	04.48	34.94	27.71	01.340	1490.3							
	085	01300	04.48	34.94	27.71		1490.3							
	STO	01400	04.26	34.52	27.72	01.593	1491.1							
	085	01400	04.26	34.92	27.72		1491.1							
	STO	01500	04.13	34.91	27.72	01.446	1492.2							
	085	01500	04.13	34.91	27.72		1492.2							
	085	01565	03.98	34.88	27.71		1492.8							
	085	01600	03.98	34.88	27.71		1493.2							
	085	01620	03.98	34.88	27.73		1493.6							
	085	01740	03.83	34.87	27.72		1494.9							
	STO	01750	03.03	34.87	27.72	01.579	1493.1							
	085	01750	03.03	34.87	27.72		1493.1							
	085	01800	03.81	34.86	27.72		1493.9							
	085	01840	03.83	34.84	27.70		1496.8							
	085	01860	03.80	34.84	27.70		1496.8							
	085	01900	03.80	34.84	27.70		1497.5							
	085	01940	03.86	34.84	27.70		1498.4							
	STO	02000	03.82	34.84	27.70	01.719	1499.3							
	085	02000	03.82	34.84	27.70		1499.3							
	085	02153	03.74											
	STO	02500	03.51											
	085	02500	03.51											
	STO	03000	03.07											
	085	03000	03.07											

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TABLE III. USCGC CHASE, August-September, 1977.—Continued

MOOC STATION DATA

REFID 31 0456	YEAR 1975	BOATOP 04663	AIR TEMP 23.9	D10 HGT PER	WIND-DIR 02	INST STO RECORDER	TEN SQ 1306
CONSEC 0302	MONTH 09	SHIP E1	WET GULG 21.4	02 1 3	WIND-SPO 15	TRACE C1R 0	5 SQUARE 1
LAT 43 21.0M	DAY 01	DATA USE 1	BAROMETER 1023.7	SEA	WIND-FDR	OURATICA 00.4	2 SQUARE 22
LONG 042 25.0M	MOOR 17.9	AREA 05	CLCUD T/A	CL/TFR	WEATHER A2	ORIG A3 06402	1 SQUARE 32

CASSTUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNDPTH	SNO VEL	OXYG	PO4	TOT P	MO2	MO3	S103	PM
17.9	STO	00000	22.70	35.79	24.64	00.000	1530.1							
	OBS	00000	22.70	35.79	24.64		1530.1							
	STO	00010	22.62	35.77	24.65	00.033	1530.1							
	OBS	00010	22.62	35.77	24.65		1530.1							
	STO	00020	22.40	35.74	24.69	00.066	1525.6							
	OBS	00020	22.40	35.74	24.69		1529.6							
	STO	00030	22.16	35.78	24.78	00.090	1529.2							
	OBS	00030	22.16	35.78	24.78		1529.2							
	STO	00050	17.62	35.84	26.03	00.150	1517.2							
	OBS	00050	17.62	35.84	26.03		1517.2							
	STO	00075	15.86	35.94	26.52	00.195	1512.5							
	OBS	00075	15.86	35.94	26.52		1512.5							
	OBS	00085	16.26	36.13	26.57		1514.1							
	STO	00100	16.00	36.07	26.59	00.233	1513.5							
	OBS	00100	16.00	36.07	26.59		1513.5							
	STO	00125	15.40	35.98	26.66	00.265	1511.9							
	OBS	00125	15.40	35.98	26.66		1511.9							
	STO	00150	14.74	35.86	26.71	00.305	1510.1							
	OBS	00150	14.74	35.86	26.71		1510.1							
	OBS	00175	14.17	35.79	26.78		1508.6							
	STO	00200	13.96	35.74	26.78	00.372	1508.2							
	OBS	00200	13.96	35.74	26.78		1508.2							
	STO	00250	13.38	35.67	26.85	00.438	1507.1							
	OBS	00250	13.38	35.67	26.85		1507.1							
	STO	00300	12.67	35.57	26.92	00.500	1505.4							
	OBS	00300	12.67	35.57	26.92		1505.4							
	OBS	00352	11.72	35.47	27.03		1503.5							
	STO	00400	11.72	35.48	27.03	00.618	1503.7							
	OBS	00400	11.72	35.48	27.03		1503.7							
	OBS	00471	08.25	34.85	27.14		1451.4							
	OBS	00480	06.23	34.64	27.13		1491.5							
	STO	00500	05.05	35.09	27.20	00.724	1495.2							
	OBS	00500	05.05	35.09	27.20		1495.2							
	OBS	00506	05.23	35.13	27.20		1456.0							
	OBS	00520	05.23	35.13	27.20		1456.3							
	OBS	00550	07.16	34.80	27.26		1488.5							
	OBS	00557	07.20	34.82	27.27		1488.6							
	OBS	00565	06.86	34.76	27.27		1487.5							
	OBS	00560	06.90	34.83	27.32		1488.1							
	STO	00600	06.83	34.87	27.36	00.814	1488.1							
	OBS	00600	06.83	34.87	27.36		1488.1							
	OBS	00620	07.12	34.92	27.36		1485.6							
	OBS	00640	06.75	34.88	27.38		1488.4							
	OBS	00655	07.47	35.08	27.44		1451.8							
	OBS	00665	07.18	35.05	27.45		1450.8							
	OBS	00680	07.22	35.08	27.47		1451.2							
	STO	00700	06.82	35.02	27.48	00.891	1489.5							
	OBS	00700	06.82	35.02	27.48		1489.9							
	OBS	00735	05.22	34.81	27.52		1485.8							
	OBS	00775	05.25	34.82	27.52		1484.6							
	OBS	00790	05.75	34.94	27.55		1487.2							
	STO	00800	04.83	34.78	27.54	00.955	1483.2							
	OBS	00800	04.83	34.78	27.54		1483.2							
	OBS	00810	04.58	34.75	27.55		1482.3							
	OBS	00822	05.20	34.53	27.62		1485.3							
	OBS	00843	05.43	34.95	27.61		1486.6							
	OBS	00873	04.94	34.89	27.62		1485.0							
	OBS	00880	04.57	34.91	27.63		1485.3							
	STO	00900	04.72	34.88	27.63	01.020	1484.6							
	OBS	00900	04.72	34.88	27.63		1484.6							
	OBS	00910	04.90	34.94	27.66		1485.6							
	OBS	00920	04.83	34.91	27.64		1485.4							
	OBS	00945	05.10	34.99	27.68		1487.0							
	OBS	00955	04.94	34.98	27.69		1487.2							
	STO	01000	04.96	34.99	27.65	01.075	1487.4							
	OBS	01000	04.96	34.99	27.69		1487.4							
	OBS	01010	05.06	35.01	27.70		1488.0							
	OBS	01030	05.06	35.01	27.70		1488.3							
	OBS	01045	04.91	34.98	27.69		1487.9							
	STO	01100	04.82	34.96	27.70	01.127	1488.4							
	OBS	01100	04.82	34.98	27.70		1488.4							
	OBS	01140	04.58	34.96	27.71		1488.1							
	OBS	01150	04.61	34.97	27.72		1488.4							
	OBS	01153	04.48	34.95	27.72		1488.4							
	STO	01200	04.48	34.96	27.72	01.175	1488.7							
	OBS	01200	04.48	34.96	27.72		1488.7							
	STO	01300	04.36	34.96	27.74	01.230	1489.9							
	OBS	01300	04.36	34.96	27.74		1489.9							
	STO	01400	04.18	34.94	27.74	01.280	1450.6							
	OBS	01400	04.18	34.94	27.74		1450.6							
	STO	01500	04.06	34.94	27.75	01.330	1452.0							
	OBS	01500	04.06	34.94	27.75		1492.0							

TABLE III. USCGC CHASE, August-September, 1977.—Continued

MOCC STATION DATA

PEFID 31 8458	YEAR 1975	BOTOP 03105	AIR TEMP 15.4	DIA HGT PER	WIND-DIA 10	INST STD RECORDER	TEN SQ 1306
CONSEC 0003	MONTH 09	SMIF E1	WET BULB 14.2	02 1 3	WIND-SPO 15	TRACE DIR 0	5 SQUARE 1
LA" 43 30.0N	DAY 01	DATA USE 1	BAROMETER 1023.7	SEA	WIND-FOR	CORRECTION 00.3	2 SQUARE 22
LONG 343 02.0W	MOUR 20.6	AREA 05	CLOUD T/A	CL/TA	WEATHER R1	ORIG R3 06403	1 SQUARE 33

CASNUM/TIME	LVLTP	DEPTM	TEMP	SAL	SIGNA-T	DYNOPTH	SND VEL	OXYG	PD4	TOT P	MO2	MO3	S103	PH
20.6	ST0	00000	21.20	35.33	24.71	00.00C	1325.7							
	085	00000	21.20	35.33	24.71		1325.7							
	ST0	00010	21.20	35.37	24.72	00.032	1326.2							
	085	00010	21.20	35.37	24.72		1326.2							
	085	00015	21.33	35.41	24.73		1326.4							
	ST0	00020	21.20	35.45	24.78	00.065	1326.4							
	085	00020	21.20	35.45	24.78		1326.4							
	ST0	00030	20.31	35.52	25.09	00.095	1324.1							
	085	00030	20.31	35.52	25.09		1324.1							
	ST0	00050	15.65	35.64	26.34	00.141	1311.0							
	085	00050	15.65	35.64	26.34		1311.0							
	085	00055	15.20	35.81	26.55		1310.2							
	085	00064	15.18	35.88	26.63		1310.1							
	ST0	00075	15.00	35.83	26.63	00.160	1309.6							
	085	00075	15.00	35.83	26.63		1309.6							
	085	00085	14.61	35.77	26.67		1308.5							
	085	00090	14.75	35.64	26.69		1309.1							
	ST0	00100	14.40	35.73	26.68	00.216	1308.0							
	085	00100	14.40	35.73	26.68		1308.0							
	085	00119	13.53	35.62	26.78		1305.4							
	ST0	00125	13.65	35.68	26.80	00.245	1305.9							
	085	00125	13.65	35.68	26.80		1305.9							
	085	00130	13.54	35.66	26.81		1305.6							
	085	00137	13.57	35.68	26.82		1305.9							
	ST0	00150	13.41	35.64	26.82	00.281	1305.5							
	085	00150	13.41	35.64	26.82		1305.5							
	085	00165	12.86	35.56	26.67		1303.9							
	085	00168	13.01	35.62	26.69		1304.4							
	ST0	00200	12.63	35.56	26.92	00.343	1303.6							
	085	00200	12.63	35.56	26.92		1303.6							
	ST0	00250	12.09	35.49	26.57	00.402	1302.5							
	085	00250	12.09	35.49	26.57		1302.5							
	085	00260	11.54	35.44	27.04		1301.0							
	ST0	00300	11.23	35.40	27.06	00.456	1300.2							
	085	00300	11.23	35.40	27.06		1300.2							
	085	00320	11.15	35.38	27.06		1300.2							
	085	00340	10.52	35.28	27.10		1458.2							
	085	00380	09.68	35.17	27.16		1495.7							
	ST0	00400	09.49	35.12	27.15	00.563	1453.2							
	085	00400	09.49	35.12	27.15		1493.2							
	085	00430	08.85	35.09	27.23		1453.5							
	085	00437	09.00	35.14	27.25		1454.1							
	085	00450	08.66	35.08	27.25		1452.9							
	085	00459	08.70	35.12	27.27		1453.6							
	085	00485	08.16	35.07	27.32		1451.6							
	ST0	00506	08.00	35.06	27.34	00.655	1451.2							
	085	00500	08.00	35.06	27.34		1451.2							
	085	00520	07.58	35.01	27.36		1469.9							
	085	00535	07.22	34.95	27.40		1468.7							
	085	00546	06.90	34.95	27.41		1467.6							
	085	00558	07.06	35.01	27.44		1466.5							
	085	00594	06.74	34.97	27.45		1467.8							
	ST0	00600	06.50	34.95	27.47	00.732	1466.9							
	085	00600	06.50	34.95	27.47		1466.9							
	085	00675	05.51	34.97	27.56		1465.8							
	085	00685	05.77	34.96	27.57		1465.4							
	085	00693	05.79	35.00	27.60		1465.7							
	085	00698	05.84	35.00	27.55		1465.5							
	ST0	00700	05.82	35.00	27.60	00.798	1465.5							
	085	00700	05.82	35.00	27.60		1465.5							
	085	00733	05.73	35.01	27.62		1466.0							
	085	00740	05.73	35.02	27.62		1466.2							
	085	00782	05.35	34.99	27.65		1465.3							
	ST0	00800	05.51	35.01	27.64	00.856	1466.3							
	085	00800	05.51	35.01	27.64		1466.3							
	085	00808	05.56	35.03	27.65		1466.7							
	085	00838	05.20	34.99	27.66		1465.7							
	085	00845	05.26	35.02	27.66		1466.1							
	085	00867	05.17	35.01	27.68		1466.0							
	085	00875	05.24	35.02	27.68		1466.5							
	085	00895	05.22	35.01	27.68		1466.7							
	ST0	00900	05.15	35.00	27.67	00.911	1466.7							
	085	00900	05.15	35.00	27.67		1466.7							
	085	00929	04.90	34.98	27.69		1465.9							

TABLE 111. USCGC CHASE, August-September, 1977.—Continued

H O D C S T A T I O N O A T 6													
CASNUM/TIME	LVLTP	DEPTH	TEMP	S&L	SIGMA-T	CYNDPTH	SNO VEL	QXTG	PO4 TOT P	NO2	NO3	S103	PH
085	00960	04.83	34.98	27.70			1486.2						
085	00965	04.74	34.97	27.70			1485.9						
085	00970	04.76	34.98	27.71			1486.0						
STO	01000	04.69	34.97	27.71		00.963	1486.2						
085	01000	04.69	34.97	27.71			1486.2						
085	01015	04.50	34.93	27.70			1485.6						
085	01023	04.53	34.95	27.71			1485.9						
085	01039	04.47	34.94	27.71			1485.9						
085	01045	04.52	34.96	27.72			1486.3						
085	01085	04.18	34.92	27.73			1485.5						
STO	01100	04.20	34.92	27.72		01.013	1485.8						
085	01100	04.20	34.92	27.72			1485.8						
085	01110	04.12	34.91	27.72			1485.6						
085	01132	04.08	34.91	27.73			1485.8						
085	01165	04.08	34.91	27.73			1486.4						
STO	01200	03.98	34.91	27.74		01.062	1486.5						
085	01200	03.98	34.91	27.74			1486.5						
085	01253	03.52	34.91	27.74			1487.2						
085	01275	03.97	34.92	27.75			1487.8						
STO	01300	03.95	34.91	27.74		01.110	1488.1						
085	01300	03.95	34.91	27.74			1488.1						
STO	01400	03.84	34.91	27.75		01.155	1489.3						
085	01400	03.84	34.91	27.75			1489.3						
085	01455	03.83	34.91	27.75			1490.2						
085	01485	03.77	34.90	27.75			1450.4						
STO	01500	03.67	34.89	27.75		01.207	1450.3						
085	01500	03.67	34.89	27.75			1490.3						

TABLE III. USCGC CHASE, August-September, 1977.—Continued

MOCC STATION DATA

REFIC 31	845R	YEAR 1975	BOTOP 02580	AIR TEMP 20.6	DIA MGT PEA	WIND-014 27	INST STC RECORDER	TEN SO 1306
CONSEC 0004	MONTH 09	SHIP E1	WET BULB 15.9	18 1 2	WIND-SPO 03	TRACE OIR	C	5 SQUARE 1
LAT 45 35.5N	DAY 01	DATA USE 1	84PCHEA 1020.4	SEA	WIND-FOR	DURATION 00.3		2 SQUARE 22
LONG 343 42.5W	MOOR 22.9	AREA 05	CLCUO T/A	CL/TA	WEATHER XO	DRIG A3 06404		1 SQUARE 33

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SHO VEL	DAYG	PD4	TOT P	MO2	MO3	SIO3	PH
22.5	STO	00000	14.41	33.18	24.28	00.000	1509.6							
	OBS	00000	14.41	33.18	24.28		1509.6							
	OBS	00008	14.10	33.14	24.32		1508.7							
	STO	00010	17.39	34.94	25.35	00.051	1514.8							
	OBS	00010	17.39	34.94	25.39		1514.8							
	STO	00020	16.49	34.53	25.60	00.056	1512.3							
	OBS	00020	16.49	34.93	25.60		1512.3							
	OBS	00025	16.39	35.90	26.37		1513.2							
	STO	00030	16.24	35.91	26.41	00.076	1512.8							
	OBS	00030	16.24	35.91	26.41		1512.8							
	STO	00050	15.54	35.92	26.58	00.108	1511.0							
	OBS	00050	15.54	35.92	26.58		1511.0							
	STO	00075	15.01	35.88	26.67	00.144	1509.7							
	OBS	00075	15.01	35.88	26.67		1509.7							
	STO	00100	14.33	35.80	26.75	00.178	1507.9							
	OBS	00100	14.33	35.80	26.75		1507.9							
	STO	00125	13.81	35.71	26.79	00.211	1506.5							
	OBS	00125	13.81	35.71	26.79		1506.5							
	STO	00150	13.30	35.64	26.85	00.243	1505.1							
	OBS	00150	13.30	35.64	26.85		1505.1							
	OBS	00190	12.69	35.56	26.91		1503.6							
	STO	00200	12.74	35.58	26.91	00.304	1504.0							
	OBS	00200	12.74	35.58	26.91		1504.0							
	OBS	00240	12.04	35.46	26.96		1502.1							
	STO	00250	12.04	35.46	26.96	00.364	1502.3							
	OBS	00250	12.04	35.46	26.96		1502.3							
	OBS	00270	11.57	35.45	26.96		1502.4							
	STO	00300	10.75	35.24	27.03	00.421	1496.3							
	OBS	00300	10.75	35.24	27.03		1496.3							
	OBS	00342	08.76	34.92	27.11		1491.3							
	OBS	00350	08.85	34.96	27.12		1492.0							
	OBS	00355	08.18	34.84	27.14		1485.2							
	OBS	00371	05.27	35.08	27.16		1485.5							
	OBS	00350	07.54	34.77	27.18		1487.3							
	STO	00400	05.14	35.20	27.27	00.521	1494.0							
	OBS	00400	05.14	35.20	27.27		1494.0							
	STO	00500	07.72	35.05	27.37	00.606	1450.1							
	OBS	00500	07.72	35.05	27.37		1490.1							
	OBS	00558	06.65	35.01	27.45		1488.0							
	OBS	00565	07.01	35.04	27.47		1488.4							
	STO	00600	06.40	34.98	27.51	00.680	1486.5							
	OBS	00600	06.40	34.98	27.51		1486.5							
	OBS	00645	06.10	35.00	27.56		1486.1							
	OBS	00680	05.55	35.00	27.58		1486.1							
	OBS	00685	06.21	35.04	27.58		1487.3							
	STO	00700	05.74	34.99	27.60	00.743	1485.6							
	OBS	00700	05.74	34.95	27.60		1485.6							
	STO	00800	05.14	34.99	27.67	00.799	1484.8							
	OBS	00800	05.14	34.95	27.67		1484.8							
	STO	00900	04.80	34.98	27.70	00.851	1485.0							
	OBS	00900	04.80	34.98	27.70		1485.0							
	OBS	00930	04.89	34.98	27.72		1485.1							
	OBS	00952	04.65	34.98	27.72		1485.4							
	STO	01000	04.50	34.97	27.73	00.900	1485.4							
	OBS	01000	04.50	34.97	27.73		1485.4							
	STO	01100	04.33	34.96	27.74	00.948	1486.4							
	OBS	01100	04.33	34.96	27.74		1486.4							
	STO	01200	04.16	34.95	27.75	00.996	1487.3							
	OBS	01200	04.16	34.95	27.75		1487.3							
	STO	01300	04.07	34.95	27.76	01.043	1488.7							
	OBS	01300	04.07	34.95	27.76		1488.7							
	STO	01400	03.97	34.94	27.76	01.091	1489.5							
	OBS	01400	03.97	34.94	27.76		1489.9							
	OBS	01410	03.57	34.94	27.76		1490.1							
	OBS	01430	03.90	34.93	27.76		1490.1							
	OBS	01443	03.77	34.91	27.76		1489.7							
	OBS	01460	03.81	34.92	27.76		1490.2							
	OBS	01470	03.76	34.91	27.76		1490.2							
	OBS	01490	03.75	34.92	27.77		1490.6							
	STO	01500	03.85	34.93	27.77	01.138	1491.1							
	OBS	01500	03.65	34.93	27.77		1491.1							

TABLE III. USCGC CHASE, August-September, 1977.—Continued

MOCC STATION DATA

REFID 31 8438	YEAR 1975	BOTOP 04023	AIR TEMP 19.6	OIR MGT PSA	WIND-OIR 13	INST STO RECORDER	TEN SQ 1304
CONSEC 0005	MONTH 09	SHIP E1	WET BULB 18.9	00 0 X	WIND-SPO 05	TRACE OIR 0	5 SQUARE 1
LAT 43 46.0N	DAY 02	DATA USE 1	BAROMETER 1020.4	SEA	WIND-FOR	DURATION 00.3	2 SQUARE 24
LONG 044 25.5W	MOOR 02.9	AREA 05	CLOUD 7/4	CL/TA	WEATHER XO	ORIG A3 06405	1 SQUARE 34

CASTNUM/TIME	LVL/TP	DEPTH	TEMP	SAL	SIGMA-T	DYNOMPH	SNO VEL	OXYG	PO4	TOT P	MO2	MO3	SIO3	PH
02.9	STO	00000	18.26	33.22	23.87	00.000	1515.1							
	OBS	00000	18.26	33.22	23.87		1515.1							
	STO	00010	18.25	33.23	23.88	00.040	1515.3							
	OBS	00010	18.25	33.23	23.88		1515.3							
	STO	00020	18.76	33.30	25.52	00.073	1491.3							
	OBS	00020	18.76	33.30	25.52		1491.3							
	STO	00030	18.34	33.38	25.97	00.094	1482.6							
	OBS	00030	18.34	33.38	25.97		1482.6							
	STO	00050	15.52	33.58	26.51	00.131	1472.1							
	OBS	00050	15.52	33.58	26.51		1472.1							
	STO	00075	13.42	33.82	26.93	00.165	1464.0							
	OBS	00075	13.42	33.82	26.93		1464.0							
	STO	00083	13.19	33.95	27.05		1463.4							
	OBS	00083	13.19	33.95	27.05		1463.4							
	STO	00100	13.43	34.14	27.18	00.151	1464.9							
	OBS	00100	13.43	34.14	27.18		1464.9							
	STO	00115	13.63	34.25	27.25		1466.2							
	OBS	00115	13.63	34.25	27.25		1466.2							
	STO	00125	13.60	34.25	27.25	00.212	1466.2							
	OBS	00125	13.60	34.25	27.25		1466.2							
	STO	00140	13.60	34.32	27.31		1466.6							
	OBS	00140	13.60	34.32	27.31		1466.6							
	STO	00150	13.72	34.37	27.34	00.232	1467.3							
	OBS	00150	13.72	34.37	27.34		1467.3							
	STO	00152	13.76	34.41	27.36		1467.5							
	OBS	00152	13.76	34.41	27.36		1467.5							
	STO	00200	13.94	34.54	27.45	00.268	1469.3							
	OBS	00200	13.94	34.54	27.45		1469.3							
	STO	00220	14.02	34.60	27.49		1470.0							
	OBS	00220	14.02	34.60	27.49		1470.0							
	STO	00230	14.15	34.68	27.54	00.295	1471.2							
	OBS	00230	14.15	34.68	27.54		1471.2							
	STO	00250	14.12	34.68	27.54		1471.1							
	OBS	00250	14.12	34.68	27.54		1471.1							
	STO	00262	14.12	34.70	27.56		1471.3							
	OBS	00262	14.12	34.70	27.56		1471.3							
	STO	00265	14.62	34.75	27.57		1473.5							
	OBS	00265	14.62	34.75	27.57		1473.5							
	STO	00290	14.61	34.79	27.57		1473.9							
	OBS	00290	14.61	34.79	27.57		1473.9							
	STO	00300	14.71	34.82	27.59	00.327	1474.5							
	OBS	00300	14.71	34.82	27.59		1474.5							
	STO	00310	14.67	34.82	27.59		1474.5							
	OBS	00310	14.67	34.82	27.59		1474.5							
	STO	00317	14.72	34.84	27.60		1475.1							
	OBS	00317	14.72	34.84	27.60		1475.1							
	STO	00330	14.73	34.87	27.62		1475.5							
	OBS	00330	14.73	34.87	27.62		1475.5							
	STO	00360	14.78	34.88	27.63		1476.0							
	OBS	00360	14.78	34.88	27.63		1476.0							
	STO	00390	14.77	34.92	27.66	00.375	1476.5							
	OBS	00390	14.77	34.92	27.66		1476.5							
	STO	00400	14.85	34.93	27.66		1477.1							
	OBS	00400	14.85	34.93	27.66		1477.1							
	STO	00410	14.88	34.95	27.67		1478.0							
	OBS	00410	14.88	34.95	27.67		1478.0							
	STO	00460	14.98	34.98	27.68	00.427	1478.6							
	OBS	00460	14.98	34.98	27.68		1478.6							
	STO	00500	14.86	34.96	27.68		1478.6							
	OBS	00500	14.86	34.96	27.68		1478.6							
	STO	00600	14.43	34.52	27.70	00.475	1478.4							
	OBS	00600	14.43	34.52	27.70		1478.4							
	STO	00620	14.36	34.52	27.71		1478.5							
	OBS	00620	14.36	34.52	27.71		1478.5							
	STO	00650	14.42	34.95	27.72	00.521	1480.1							
	OBS	00650	14.42	34.95	27.72		1480.1							
	STO	00700	14.04	34.50	27.72		1478.9							
	OBS	00700	14.04	34.50	27.72		1478.9							
	STO	00730	14.11	34.93	27.74		1480.0							
	OBS	00730	14.11	34.93	27.74		1480.0							
	STO	00763	14.06	34.53	27.75	00.566	1480.4							
	OBS	00763	14.06	34.53	27.75		1480.4							
	STO	00800	14.04	34.52	27.74		1480.3							
	OBS	00800	14.04	34.52	27.74		1480.3							
	STO	00811	14.02	34.93	27.75		1481.1							
	OBS	00811	14.02	34.93	27.75		1481.1							
	STO	00872	14.05	34.94	27.75	00.610	1482.0							
	OBS	00872	14.05	34.94	27.75		1482.0							
	STO	00900	14.08	34.94	27.75		1482.6							
	OBS	00900	14.08	34.94	27.75		1482.6							
	STO	00955	14.10	34.94	27.75	00.655	1483.5							
	OBS	00955	14.10	34.94	27.75		1483.5							
	STO	01000	14.04	34.94	27.76		1483.5							
	OBS	01000	14.04	34.94	27.76		1483.5							
	STO	01015	14.01	34.94	27.76	00.700	1485.0							
	OBS	01015	14.01	34.94	27.76		1485.0							
	STO	01100	14.00	34.93	27.75		1485.7							
	OBS	01100	14.00	34.93	27.75		1485.7							
	STO	01140	13.93	34.93	27.76		1486.2							
	OBS	01140	13.93	34.93	27.76		1486.2							
	STO	01200	13.50	34.93	27.76	00.745	1486.2							
	OBS	01200	13.50	34.93	27.76		1486.2							
	STO	01220	13.86	34.93	27.77		1486.8							
	OBS	01220	13.86	34.93	27.77		1486.8							
	STO	01245	13.88	34.94	27.77	00.791	1487.9							
	OBS	01245	13.88	34.94	27.77		1487.9							
	STO	01300	13.73	34.92	27.77		1488.9							
	OBS	01300	13.73	34.92	27.77		1488.9							
	STO	01400	13.70	34.92	27.78	00.837	1490.3							
	OBS	01400	13.70	34.92	27.78		1490.3							
	STO	01460	13.74	34.93	27.78		1490.5							
	OBS	01460	13.74	34.93	27.78		1490.5							
	STO	01500	13.71	34.93	27.78	00.883	1490.5							
	OBS	01500	13.71	34.93	27.78		1490.5							

TABLE III. USCGC CHASE, August-September, 1977.—Continued

MOOC STATION DATA

REFID 31 8458	YEAR 1975	BQTOP 03200	AIR TEMP 19.4	DIR MGT PER	WIND-DIR 14	INST STO RECORDER	TEN SQ 1306
CONSEC 0006	MONTH 05	SHIP E1	WET BULB 18.3	OD Q X	WIND-SPD 05	TRACE DIR 0	5 SQUARE 2
LAT 43 51.5N	DAY 02	DATA USE 1	BAROMETER 1021.4	SEA	WIND-FOR	DURATICA 00.3	2 SQUARE 24
LONG 045 11.0W	MOOR 07.2	AREA 05	CLCUD T/A	CL/TB	WEATHER AD	DRIC A3 06406	1 SQUARE 35

CASSTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SNO VEL	OXYG	PO4	TOT P	MO2	MO3	S103	PH
07.2	STO	00000	18.92	34.29	24.52	00.000	1516.3							
	OBS	00000	18.92	34.25	24.52		1518.3							
	STO	00010	20.12	34.69	24.51	00.034	1522.3							
	OBS	00010	20.12	34.69	24.51		1522.3							
	STO	00020	16.55	35.24	25.82	00.062	1512.8							
	OBS	00020	16.55	35.24	25.82		1512.8							
	STO	00030	15.18	35.49	26.33	00.082	1509.1							
	OBS	00030	15.18	35.49	26.33		1509.1							
	STO	00040	14.23	35.57	26.60		1506.4							
	OBS	00040	14.23	35.57	26.60		1506.4							
	STO	00050	14.83	35.81	26.65	00.113	1508.7							
	OBS	00050	14.83	35.81	26.65		1508.7							
	STO	00070	14.62	35.80	26.69		1508.3							
	OBS	00070	14.62	35.80	26.69		1508.3							
	STO	00075	14.71	35.85	26.71	00.148	1508.7							
	OBS	00075	14.71	35.85	26.71		1508.7							
	STO	00100	14.14	35.75	26.75	00.182	1507.3							
	OBS	00100	14.14	35.75	26.75		1507.3							
	STO	00125	13.58	35.68	26.82	00.214	1505.7							
	OBS	00125	13.58	35.68	26.82		1505.7							
	STO	00150	13.09	35.59	26.85	00.246	1504.4							
	OBS	00150	13.09	35.59	26.85		1504.4							
	STO	00178	11.87	35.38	26.93		1500.7							
	OBS	00178	11.87	35.38	26.93		1500.7							
	STO	00200	11.56	35.33	26.95	00.306	1499.6							
	OBS	00200	11.56	35.33	26.95		1499.6							
	STO	00229	10.58	35.15	26.99		1496.4							
	OBS	00229	10.58	35.15	26.99		1496.4							
	STO	00231	10.66	35.18	27.00	00.383	1495.4							
	OBS	00231	10.66	35.18	27.00		1495.4							
	STO	00250	10.21	35.12	27.03		1492.5							
	OBS	00250	10.21	35.12	27.03		1492.5							
	STO	00270	09.37	35.00	27.08		1487.7							
	OBS	00270	09.37	35.00	27.08		1487.7							
	STO	00300	08.01	34.84	27.17	00.414	1487.7							
	OBS	00300	08.01	34.84	27.17		1487.7							
	STO	00315	07.70	34.77	27.16		1486.6							
	OBS	00315	07.70	34.77	27.16		1486.6							
	STO	00335	06.55	35.20	27.20		1492.0							
	OBS	00335	06.55	35.20	27.20		1492.0							
	STO	00370	07.64	34.88	27.25	00.507	1488.0							
	OBS	00370	07.64	34.88	27.25		1488.0							
	STO	00400	05.24	34.66	27.40	00.550	1479.8							
	OBS	00400	05.24	34.66	27.40		1479.8							
	STO	00500	05.10	34.68	27.43		1486.5							
	OBS	00500	05.10	34.68	27.43		1486.5							
	STO	00540	05.42	34.87	27.54	00.657	1482.5							
	OBS	00540	05.42	34.87	27.54		1482.5							
	STO	00600	05.39	34.96	27.61		1480.8							
	OBS	00600	05.39	34.96	27.61		1480.8							
	STO	00700	04.75	34.91	27.65	00.713	1481.4							
	OBS	00700	04.75	34.91	27.65		1481.4							
	STO	00765	04.67	34.94	27.69	00.764	1482.8							
	OBS	00765	04.67	34.94	27.69		1482.8							
	STO	00800	04.52	34.93	27.70		1483.0							
	OBS	00800	04.52	34.93	27.70		1483.0							
	STO	00845	04.41	34.95	27.72	00.813	1483.4							
	OBS	00845	04.41	34.95	27.72		1483.4							
	STO	00900	04.28	34.95	27.74	00.861	1484.5							
	OBS	00900	04.28	34.95	27.74		1484.5							
	STO	01000	04.09	34.94	27.75	00.907	1485.4							
	OBS	01000	04.09	34.94	27.75		1485.4							
	STO	01100	04.13	34.95	27.75		1486.0							
	OBS	01100	04.13	34.95	27.75		1486.0							
	STO	01200	04.03	34.93	27.75	00.954	1486.8							
	OBS	01200	04.03	34.93	27.75		1486.8							
	STO	01235	03.63	34.51	27.74		1486.5							
	OBS	01235	03.63	34.51	27.74		1486.5							
	STO	01250	03.75	34.51	27.76		1487.0							
	OBS	01250	03.75	34.51	27.76		1487.0							
	STO	01300	03.73	34.89	27.75	01.001	1487.1							
	OBS	01300	03.73	34.89	27.75		1487.1							
	STO	01331	03.71	34.91	27.77	01.048	1488.8							
	OBS	01331	03.71	34.91	27.77		1488.8							
	STO	01400	03.74	34.92	27.77	01.095	1490.6							
	OBS	01400	03.74	34.92	27.77		1490.6							

TABLE III. USCGC CHASE, August-September, 1977.—Continued

MOOC STATION DATA

REFIC 31 0458	YEAR 1975	STOPT 04303	AIR TEMP 22.8	DIM MGT PER	WIND-DIR 27	INST STO RECORDER	TEN SQ 1304
CONSEC 0007	MONTH 09	SHIP E1	WET BULB 21.6	10 5 3	WIND-SPD 15	TRACE DIR C	5 SQUARE 2
LA* 44 03.5N	DAY 02	DATA USE 1	BAROMETR 1024.1	SEA	WIND-FOR	DURATION 00.3	2 SQUARE 44
LONG 245 49.0W	MOOR 11.1	AREA 05	CLOUD T/A	CL/TR	WEATHER X1	ORIG A3 06407	1 SQUARE 45

CASTNUM/TIME	LVL/TP	DEPTH	TEMP	SAL	SIGMA-T	DTNDRPT	SND VEL	OXYG	PO4	TOT P	NO2	NO3	\$103	PH
11.1	STO	00000	21.87	35.71	24.81	00.000	1527.9							
	085	00000	21.87	35.71	24.81		1527.9							
	STO	00010	21.85	35.69	24.80	00.032	1528.0							
	085	00010	21.85	35.69	24.80		1528.0							
	STO	00020	17.68	35.80	25.98	00.058	1516.8							
	085	00020	17.68	35.80	25.98		1516.8							
	STO	00030	17.58	35.93	26.10	00.077	1516.9							
	085	00030	17.58	35.93	26.10		1516.9							
	STO	00050	15.88	36.10	26.64	00.111	1512.3							
	085	00050	15.88	36.10	26.64		1512.3							
	STO	00075	14.86	35.88	26.70	00.144	1509.3							
	085	00075	14.86	35.88	26.70		1509.3							
	STO	00100	14.09	35.77	26.78	00.175	1507.1							
	085	00100	14.09	35.77	26.78		1507.1							
	STO	00125	13.56	35.67	26.81	00.212	1505.6							
	085	00125	13.56	35.67	26.81		1505.6							
	STO	00150	12.76	35.59	26.92	00.243	1503.3							
	085	00150	12.76	35.59	26.92		1503.3							
	085	00183	12.19	35.48	26.94		1501.7							
	085	00188	12.24	35.51	26.96		1502.0							
	STO	00200	11.97	35.47	26.98	00.301	1501.2							
	085	00200	11.97	35.47	26.98		1501.2							
	STO	00250	10.80	35.34	27.10	00.355	1457.8							
	085	00250	10.80	35.34	27.10		1457.8							
	085	00282	08.62	34.53	27.14		1485.8							
	085	00295	08.67	34.97	27.17		1450.3							
	STO	00300	08.62	34.95	27.16	00.405	1450.1							
	085	00300	08.62	34.95	27.16		1490.1							
	085	00307	08.34	34.93	27.19		1489.2							
	085	00322	08.80	35.02	27.19		1491.3							
	085	00360	05.47	34.52	27.26		1476.2							
	085	00380	07.12	34.78	27.25		1485.5							
	STO	00400	06.35	34.78	27.35	00.454	1482.9							
	085	00400	06.39	34.78	27.35		1482.9							
	085	00425	05.34	34.66	27.39		1478.9							
	085	00435	05.79	34.82	27.46		1481.1							
	085	00445	05.86	34.82	27.45		1481.6							
	085	00457	06.03	34.86	27.46		1482.5							
	085	00488	05.74	34.90	27.53		1481.9							
	STO	00500	05.73	34.90	27.53	00.565	1482.1							
	085	00500	05.73	34.90	27.53		1482.1							
	085	00520	05.54	34.89	27.54		1481.6							
	085	00537	05.65	34.96	27.58		1482.6							
	085	00550	05.55	34.94	27.58		1482.2							
	085	00556	05.71	35.00	27.61		1483.1							
	085	00570	05.58	34.99	27.62		1482.8							
	085	00587	05.23	34.94	27.62		1481.5							
	STO	00600	05.41	34.98	27.63	00.624	1482.6							
	085	00600	05.41	34.98	27.63		1482.6							
	085	00606	05.52	35.02	27.65		1483.2							
	085	00625	05.26	34.96	27.63		1482.3							
	085	00660	04.88	34.94	27.66		1481.3							
	085	00680	04.76	34.94	27.68		1481.2							
	085	00650	04.71	34.95	27.69		1481.1							
	STO	00700	04.72	34.95	27.69	00.676	1481.3							
	085	00700	04.72	34.95	27.69		1481.3							
	085	00726	04.75	34.96	27.69		1481.9							
	085	00745	04.70	34.96	27.70		1482.0							
	085	00760	04.75	34.98	27.71		1482.5							
	085	00770	04.70	34.98	27.72		1482.5							
	085	00778	04.71	34.98	27.71		1482.6							
	STO	00800	04.61	34.97	27.72	00.725	1482.6							
	085	00800	04.61	34.97	27.72		1482.6							
	085	00845	04.41	34.96	27.73		1482.5							
	085	00865	04.37	34.96	27.74		1482.6							
	085	00875	04.43	34.98	27.73		1482.5							
	085	00895	04.24	34.93	27.73		1482.6							
	STO	00900	04.23	34.94	27.74	00.772	1482.6							
	085	00900	04.23	34.94	27.74		1482.6							
	085	00915	04.27	34.95	27.74		1482.6							
	085	00930	04.06	34.91	27.73		1483.1							
	085	00970	03.95	34.91	27.74		1482.4							
	085	00985	03.57	34.91	27.74		1482.6							
	085	00990	04.07	34.93	27.74		1483.4							

TABLE III. USCGC CHASE, August-September, 1977.--Continued

MOCC STATION DATA														
CASSTNUN/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DTMOPTH	SND VEL	ORVG	PO4	TOT P	NO2	NO3	SIO3	PH
STO	01000	04.06	34.93	27.75		00.817	1483.6							
085	01000	04.06	34.93	27.75			1483.6							
085	01025	04.06	34.92	27.74			1484.0							
085	01040	03.95	34.92	27.75			1483.8							
085	01060	03.94	34.92	27.75			1484.0							
085	01065	03.97	34.92	27.75			1484.3							
085	01095	03.67	34.92	27.75			1484.8							
STO	01100	03.65	34.92	27.75		00.863	1484.8							
085	01100	03.65	34.92	27.75			1484.8							
085	01105	03.89	34.91	27.75			1484.6							
085	01122	03.89	34.92	27.76			1484.9							
085	01132	03.87	34.92	27.76			1485.0							
085	01147	03.89	34.92	27.76			1485.3							
085	01153	03.95	34.94	27.77			1485.7							
085	01167	03.66	34.64	27.76			1485.6							
STO	01200	03.89	34.92	27.76		00.910	1486.2							
085	01200	03.86	34.92	27.76			1486.2							
085	01237	03.79	34.92	27.77			1486.4							
085	01275	03.95	34.64	27.77			1487.7							
085	01285	03.62	34.65	27.78			1487.8							
STO	01300	03.97	34.95	27.77		00.956	1488.2							
085	01300	03.97	34.95	27.77			1488.2							
085	01307	03.65	34.65	27.77			1488.3							
085	01370	03.91	34.64	27.77			1489.1							
085	01390	03.82	34.63	27.77			1489.1							
STO	01400	03.80	34.93	27.77		01.002	1489.2							
085	01400	03.80	34.93	27.77			1489.2							
085	01433	03.79	34.93	27.77			1489.7							
085	01455	03.83	34.94	27.78			1490.2							
STO	01500	03.67	34.63	27.79			01.047	1490.3						
085	01500	03.67	34.93	27.79		1490.3								

TABLE III. USCGC CHASE, August-September, 1977.—Continued

M C C C S T A T I O N D A T A														
WIFIG 31	B450	YEAR 1975	80TOP 05650	AIR TEMP 22.8	DIA HGT PER	WIND-DIA 15	INST STO RECORDEA	TEN SG 1306						
CONSIG 0008	0008	MONTH 05	SHIP E1	WET BULB 20.8	18 6 4	WIND-SPO 25	TRACE DIA 0	5 SQUARE 2						
LAT 44 06.0N	DAY 02		DATA USE 1	BAROMETER 1023.2	SEA	WIND-FOR	DURATION 00.3	2 SQUARE 46						
LONG 046 32.5W	MOOR 15.0		AREA 05	CLCUD 7/A	CL/TP	WEATHER X1	ORIG A3 06408	1 SQUARE 46						
CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SNO VEL	DAYG	PO4	TOT P	MO2	MO3	SIG3	PH
	STO	00000	22.31	35.72	24.70		1529.1							
15.0	085	00000	22.31	35.72	24.70	00.000	1529.1							
	STO	00010	22.29	35.72	24.70	00.033	1529.2							
	085	00010	22.29	35.72	24.70		1529.2							
	STO	00020	22.12	35.84	24.84	00.064	1529.0							
	085	00020	22.12	35.84	24.84		1529.0							
	STO	00030	16.52	35.94	26.37	00.088	1513.7							
	085	00030	16.52	35.94	26.37		1513.7							
	085	00040	15.75											
	085	00045	16.30	36.10	26.54		1513.5							
	STO	00050	16.28	36.10	26.55	00.120	1513.5							
	085	00050	16.28	36.10	26.55		1513.5							
	STO	00075	15.27	35.92	26.64	00.157	1510.6							
	085	00075	15.27	35.92	26.64		1510.6							
	085	00080	14.76	35.89	26.73		1509.2							
	STO	00100	14.67	35.89	26.75	00.192	1509.1							
	085	00100	14.67	35.89	26.75		1509.1							
	STO	00125	14.07	35.74	26.76	00.225	1507.4							
	085	00125	14.07	35.74	26.76		1507.4							
	STO	00150	13.10	35.64	26.89	00.257	1504.5							
	085	00150	13.10	35.64	26.89		1504.5							
	085	00170	12.85	35.61	26.91		1503.9							
	STO	00200	12.46	35.50	26.91	00.318	1503.0							
	085	00200	12.46	35.50	26.91		1503.0							
	085	00232	11.95	35.47	26.98		1501.7							
	085	00243	11.97	35.50	27.00		1502.0							
	STO	00250	11.93	35.50	27.01	00.376	1502.0							
	085	00250	11.93	35.50	27.01		1502.0							
	STO	00300	10.90	35.36	27.09	00.430	1499.0							
	085	00300	10.90	35.36	27.09		1499.0							
	085	00365	09.33	35.15	27.20		1494.1							
	085	00370	09.42	35.18	27.21		1494.6							
	085	00381	09.06	35.14	27.24		1493.4							
	085	00390	09.19	35.20	27.27		1493.9							
	STO	00400	09.02	35.18	27.28	00.527	1493.6							
	085	00400	09.02	35.18	27.28		1493.6							
	085	00475	07.46	35.04	27.41		1488.7							
	STO	00500	07.14	35.04	27.45	00.608	1487.5							
	085	00500	07.14	35.04	27.45		1487.5							
	085	00520		36.90										
	085	00530		35.06										
	085	00540	06.64	35.04	27.52		1486.6							
	085	00552	06.73	35.06	27.52		1487.1							
	085	00580	05.30	34.83	27.53		1481.6							
	085	00585	05.38	34.86	27.56		1482.0							
	STO	00600	05.12	34.85	27.56	00.674	1481.2							
	085	00600	05.12	34.85	27.56		1481.2							
	085	00615	05.46	34.94	27.59		1482.5							
	085	00640	05.42	34.95	27.61		1483.2							
	085	00670	04.66	34.84	27.61		1480.4							
	085	00678	04.84	34.90	27.64		1481.4							
	085	00690	04.82	34.89	27.63		1481.5							
	STO	00700	04.63	34.89	27.63	00.731	1480.9							
	085	00700	04.63	34.89	27.63		1480.9							
	085	00717	04.41	34.84	27.64		1480.2							
	085	00736	04.74	34.92	27.66		1482.0							
	085	00744	04.75	34.92	27.66		1482.2							
	085	00760	04.42	34.88	27.67		1481.3							
	085	00769	04.56	34.92	27.68		1482.1							
	STO	00800	04.47	34.91	27.69	00.782	1481.9							
	085	00800	04.47	34.91	27.69		1481.9							
	085	00820	04.80	34.99	27.71		1483.7							
	085	00821	04.67	34.98	27.72		1483.2							
	085	00837	04.91	35.01	27.71		1484.5							
	085	00847	04.76	34.96	27.72		1484.0							
	085	00860	04.83	34.99	27.71		1484.5							
	085	00890	04.70	34.99	27.72		1484.5							
	STO	00900	04.72	35.00	27.73	00.831	1484.7							
	085	00900	04.72	35.00	27.73		1484.7							
	085	00960	04.50	34.96	27.72		1484.8							
	STO	01000	04.43	34.96	27.73	00.875	1485.1							
	085	01000	04.43	34.96	27.73		1485.1							
	085	01030	04.18	34.93	27.73		1484.9							
	085	01035	04.24	34.95	27.74		1485.3							
	085	01050	04.16	34.94	27.74		1485.5							
	STO	01100	04.09	34.93	27.74	00.927	1485.4							
	085	01100	04.09	34.93	27.74		1485.4							
	085	01112	04.06	34.93	27.74		1485.5							
	085	01120	04.13	34.93	27.74		1485.9							
	085	01121	04.08	34.93	27.74		1485.7							
	085	01130	04.07	34.93	27.74		1485.9							
	085	01141	04.11	34.93	27.74		1486.1							
	085	01156	04.13	34.95	27.75		1486.5							
	085	01173	04.10	34.94	27.75		1486.6							
	STO	01200	04.04	34.94	27.76	00.974	1486.8							
	085	01200	04.04	34.94	27.76		1486.8							
	085	01273	03.92	34.94	27.77		1487.6							
	085	01250	03.97	34.94	27.76		1488.1							
	STO	01300	03.94	34.93	27.76	01.020	1488.1							
	085	01300	03.94	34.93	27.76		1488.1							
	STO	01400	03.88	34.93	27.76	01.068	1489.5							
	085	01400	03.88	34.93	27.76		1489.5							
	STO	01500	03.86	34.95	27.78	01.114	1491.2							
	085	01500	03.86	34.95	27.78		1491.2							

TABLE III. USCGC CHASE, August-September, 1977.—Continued

MOOC STATION DATA

REFID 31 8458	YEAR 1975	BOTOP 03040	AIR TEMP 21.3	DIR PGT PER	WIND-DIR 15	INST STO RECORDER	TEN SO 1306
CONSEC 0036	MONTH 06	SHIP E1	WET GULB 15.6	15 3 5	WIND-SPD 25	TRACE DIR 0	5 SQUARE 2
LA° 44 14.5N	DAY 02	DATA USE 1	BAROMETER 1020.5	SEA	WIND-FOR	DURATICA 00.4	2 SQUARE 46
LONG 047 11.5W	HOUR 16.8	AREA 05	CLOUD T/A	CL/TK	WEATHER X1	DRIG A3 06405	1 SQUARE 47

CSTN/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNDEPTH	SND VEL	OXYC	P04	TOT P	NO2	NO3	SIO3	PH
18.0	STO	00000	21.61	35.14	24.45	00.000	1526.6							
	085	00030	21.61	35.14	24.45		1526.6							
	STO	00010	10.47	35.34	25.75	00.029	1450.4							
	085	00010	10.47	35.34	25.75		1450.4							
	085	00016	08.22	33.29	25.92		1461.6							
	STO	00020	11.47	34.54	26.35	00.046	1495.4							
	085	00020	11.47	34.54	26.35		1495.4							
	STO	00030	13.57	35.34	26.63	00.064	1505.2							
	085	00030	13.57	35.34	26.63		1505.2							
	STO	00050	13.14	35.52	26.79	00.091	1507.6							
	085	00050	13.14	35.52	26.79		1507.6							
	085	00059	12.93	35.47	26.79		1502.2							
	085	00061	13.06	35.50	26.79		1502.2							
	085	00070	12.60	35.46	26.81		1501.9							
	STO	00075	12.64	35.49	26.82	00.123	1502.2							
	085	00075	12.64	35.49	26.82		1502.2							
	085	00077	12.65	35.51	26.83		1502.4							
	085	00080	12.62	35.46	26.84		1501.5							
	085	00090	12.84	35.34	26.86		1502.5							
	STO	00100	12.57	35.51	26.85	00.154	1501.7							
	085	00100	12.57	35.51	26.85		1501.7							
	085	00106	12.35	35.46	26.90		1501.1							
	085	00115	12.64	35.54	26.90		1502.2							
	STO	00125	12.52	35.44	26.86	00.184	1501.9							
	085	00125	12.52	35.44	26.86		1501.9							
	STO	00150	11.35	35.34	26.99	00.213	1458.1							
	085	00150	11.35	35.34	26.99		1458.1							
	085	00161	10.58	35.18	27.01		1455.3							
	085	00180	10.24	35.15	27.05		1494.4							
	STO	00200	11.08	35.40	27.09	00.267	1458.0							
	085	00200	11.08	35.40	27.09		1458.0							
	STO	00250	05.88	35.21	27.16	00.317	1454.3							
	085	00250	05.88	35.21	27.16		1454.3							
	085	00275	08.28	34.99	27.240		1451.5							
	085	00290	08.58	35.10	27.22		1450.7							
	STO	00300	08.73	35.08	27.24	00.363	1450.7							
	085	00300	08.73	35.08	27.24		1450.7							
	085	00340	08.33	35.10	27.32		1489.9							
	085	00346	07.70	35.01	27.35		1487.5							
	085	00351	07.58	35.07	27.35		1488.7							
	085	00375	07.53	35.02	27.38		1487.3							
	085	00385	07.54	34.94	27.320*		1486.3							
	085	00390	07.24	34.96	27.37		1487.0							
	085	00395	07.36	35.06	27.44		1486.7							
	STO	00400	07.27	35.04	27.43	00.444	1486.7							
	085	00400	07.27	35.04	27.43		1486.7							
	085	00433	07.11	35.06	27.47		1486.7							
	STO	00500	06.34	35.05	27.57	00.511	1484.7							
	085	00500	06.34	35.05	27.57		1484.7							
	085	00540	05.82	34.99	27.55		1483.2							
	085	00550	06.00	35.02	27.59		1478.6							
	085	00585	04.41	34.88	27.61		1479.3							
	STO	00600	04.66	34.86	27.62	00.558	1479.3							
	085	00600	04.66	34.86	27.62		1479.3							
	085	00622	04.89	34.92	27.65		1480.7							
	085	00634	04.72	34.90	27.65		1480.2							
	085	00640	04.83	34.94	27.67		1480.6							
	085	00690	04.18	34.88	27.68		1478.6							
	STO	00700	04.25	34.88	27.69	00.620	1479.3							
	085	00700	04.25	34.88	27.69		1479.3							
	085	00713	04.46	34.92	27.69		1480.5							
	085	00735	04.47	34.93	27.70		1480.9							
	085	00766	04.76	35.00	27.72		1483.1							
	STO	00800	04.72	34.99	27.72	00.668	1483.1							
	085	00800	04.72	34.99	27.72		1483.1							
	STO	00900	04.54	34.98	27.73	00.715	1484.0							
	085	00900	04.54	34.98	27.73		1484.0							
	085	00962	04.19	34.95	27.75		1483.5							
	085	00990	04.24	34.95	27.74		1484.2							
	STO	01000	04.23	34.95	27.74	00.762	1484.3							
	085	01000	04.23	34.95	27.74		1484.3							
	085	01048	04.19	34.95	27.75		1484.9							
	STO	01100	03.99	34.93	27.75	00.808	1484.9							
	085	01100	03.99	34.93	27.75		1484.9							
	STO	01200	03.87	34.92	27.76	00.854	1486.1							
	085	01200	03.87	34.92	27.76		1486.1							
	STO	01300	03.78	34.92	27.77	00.900	1487.4							
	085	01300	03.78	34.92	27.77		1487.4							
	STO	01400	03.72	34.92	27.77	00.945	1488.6							
	085	01400	03.72	34.92	27.77		1488.6							
	085	01441	03.70	34.91	27.77		1488.9							
	085	01440	03.61	34.93	27.77		1489.9							
	085	01460	03.80	34.93	27.77		1450.2							
	085	01470	03.68	34.95	27.78		1450.2							
	STO	01500	03.84	34.94	27.78	00.992	1451.0							
	085	01500	03.84	34.94	27.78		1451.0							

TABLE III. USCGC CHASE, August-September, 1977.—Continued

MOOD STATION DATA

FFID 31	8432	YEAR 1975	BOTOP 03715	AIR TEMP 21.6	DIA PGT PER	WIND-DIA 15	INST STO RECORDER	TEN SQ 1306
CONSEC	0010	MONTH 09	SHIP E1	WET BULB 20.6	18 6 3	WIND-SPO 25	TRACE DIA 0	5 SQUARE 2
LAT 44	15.5N	DAY 02	DATA USE 1	BAROMETR 1018.6	SEA	WIND-FOR	DURATION 00.3	2 SQUARE 46
LONG 047	33.5W	MOJA 21.2	AREA 05	CLOUD 7/A	CL/TR	WEATHER X1	ORIG A3 06410	1 SQUARE 47

CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOP7H	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	S103	PH
21.2	STO	00000	20.53	34.65	24.37	00.000	1323.2							
	085	00000	20.53	34.65	24.37		1523.2							
	085	00007	20.69	34.75	24.41		1523.0							
	STO	00010	18.77	34.82	24.56	00.023	1518.7							
	085	00010	18.77											
	STO	00020	16.76	35.02	25.61	00.060	1513.2							
	085	00020	16.76											
	085	00021	15.85											
	STO	00030	12.47	35.15	26.63	00.075	1499.8							
	085	00030	12.47											
	085	00035	12.68											
	STO	00050	12.19	35.19	26.72	00.107	1459.2							
	085	00050	12.19	35.19	26.72		1459.2							
	085	00060	10.65	35.10	26.54		1453.8							
	085	00070	11.45	35.28	26.52		1497.2							
	STO	00075	10.98	35.20	26.55	00.138	1455.4							
	085	00075	10.98	35.20	26.55		1455.4							
	085	00080	10.73	35.12	26.94		1454.3							
	085	00085	10.57	35.20	26.96		1453.5							
	STO	00100	10.45	35.07	26.95	00.166	1453.7							
	085	00100	10.45	35.07	26.95		1453.7							
	085	00105	10.59	35.10	26.95		1454.4							
	STO	00125	08.98	34.94	27.05	00.193	1488.6							
	085	00125	08.98	34.94	27.09		1488.6							
	085	00145	09.77	35.17	27.14		1452.1							
	STO	00150	05.56	35.14	27.16	00.217	1451.4							
	085	00150	09.56	35.14	27.16		1491.4							
	085	00158	05.03	35.04	27.16		1489.5							
	085	00172	05.47	35.18	27.20		1491.5							
	085	00178	05.41	35.16	27.20		1451.4							
	085	00181	09.53	35.19	27.20		1491.9							
	STO	00200	08.98	35.12	27.23	00.263	1490.1							
	085	00200	08.98	35.12	27.23		1490.1							
	085	00205	08.76	35.10	27.25		1489.3							
	085	00220	08.70	35.10	27.26		1489.3							
	085	00230	08.80	35.13	27.27		1489.9							
	085	00235	08.50	35.10	27.30		1488.8							
	STO	00250	08.09	35.03	27.30	00.306	1487.4							
	085	00250	08.09	35.03	27.30		1487.4							
	STO	00300	04.20	34.43	27.33	00.346	1471.5							
	085	00300	04.20	34.43	27.33		1471.9							
	085	00325	05.03	34.67	27.43		1476.0							
	085	00331	04.94	34.66	27.43		1475.8							
	085	00358	05.31	34.80	27.50		1477.9							
	085	00370	05.05	34.77	27.51		1477.0							
	085	00350	05.83	34.88	27.50		1480.7							
	STO	00400	04.72	34.76	27.54	00.415	1476.1							
	085	00400	04.72	34.76	27.54		1476.1							
	085	00440	05.93	35.06	27.63		1482.1							
	STO	00500	04.70	34.50	27.65	00.470	1477.9							
	085	00500	04.70	34.90	27.65		1477.9							
	085	00510	04.65	34.89	27.65		1477.9							
	085	00528	04.82	34.92	27.65		1478.9							
	085	00550	04.64	34.51	27.67		1478.5							
	085	00555	04.40	34.88	27.67		1477.5							
	085	00580	04.33	34.87	27.67		1477.6							
	085	00550	04.36	34.89	27.68		1477.5							
	STO	00600	04.34	34.89	27.68	00.520	1478.0							
	085	00600	04.34	34.89	27.68		1478.0							
	085	00610	04.19	34.86	27.68		1477.5							
	085	00625	04.33	34.90	27.69		1478.4							
	085	00640	04.25	34.89	27.69		1478.3							
	085	00655	04.27	34.91	27.71		1478.7							
	085	00660	04.48	34.96	27.72		1479.7							
	085	00670	04.35	34.93	27.71		1479.3							
	085	00675	04.46	34.96	27.73		1479.9							
	085	00685	04.41	34.54	27.72		1475.8							
	085	00655	04.41	34.96	27.73		1480.0							
	STO	00700	04.45	34.96	27.73	00.566	1480.2							
	085	00700	04.45	34.96	27.73		1480.2							
	085	00775	04.42	34.97	27.74		1481.4							
	STO	00800	04.56	35.00	27.75	00.611	1482.4							
	085	00800	04.56	35.00	27.75		1482.4							
	085	00820	04.56	35.00	27.75		1482.7							

TABLE III. USCGC CHASE, August-September, 1977.—Continued

H O O C S T A T I O N O A T A														
CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYMOPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
08S		00860	04.39	34.58	27.75		1482.7							
08S		00880	04.35	34.98	27.73		1483.0							
STO		00900	04.46	35.00	27.76	00.656	1483.7							
08S		00900	04.46	35.00	27.76		1483.7							
STO		01000	04.04	34.94	27.76	00.701	1483.5							
08S		01000	04.04	34.94	27.76		1483.5							
STO		01100	03.85	34.93	27.76	00.745	1484.5							
08S		01100	03.89	34.93	27.76		1484.5							
STO		01200	03.74	34.92	27.77	00.790	1485.6							
08S		01200	03.74	34.92	27.77		1485.6							
08S		01213	03.74	34.91	27.76		1485.8							
08S		01230	03.68	34.89	27.75		1485.8							
08S		01250	03.74	34.52	27.77		1486.4							
STO		01300	03.75	34.93	27.78	00.834	1487.3							
08S		01300	03.75	34.93	27.78		1487.3							
08S		01320	03.75	34.52	27.77		1487.6							
08S		01330	03.70	34.92	27.78		1487.6							
08S		01350	03.70	34.92	27.78		1487.9							
08S		01360	03.77	34.94	27.78		1488.4							
08S		01375	03.77	34.94	27.78		1488.6							
08S		01385	03.72	34.93	27.78		1488.6							
STO		01400	03.72	34.93	27.78	00.875	1488.8							
08S		01400	03.72	34.93	27.78		1488.8							
08S		01435	03.68	34.93	27.75		1489.3							
08S		01450	03.75	34.94	27.79		1489.8							
08S		01465	03.76	34.94	27.78		1490.1							
08S		01475	03.65	34.92	27.78		1489.8							
STO		01500	03.65	34.93	27.79	00.924	1490.2							
08S		01500	03.65	34.53	27.79		1490.2							

TABLE III. USCGC CHASE, August-September, 1977.—Continued

N C O C S T A T I O N O A T A

REFID 31 0458	YEAR 1975	BCTOP 02576	AIR TEMP 21.1	DIA MGT PER	WIND-DIA 15	INST STO RECORDER	TEN SQ 1306
CONSEC 0011	MONTH 09	SHIP E1	WET BULB 19.9	08 B 3	WIND-SPD 20	TRACE DIR 0	5 SQUARE 2
LAT 44 22.0N	DAY 02	DATA USE 1	BAROMETER 1018.6	SEA	WIND-FOR	DURATION 00.4	2 SQUARE 46
LONG 047 52.5E	MOOR 23.6	AREA 05	CLOUD T/A	CL/T/A	WEATHER X9	DRIG A3 06411	1 SQUARE 47

CASTNUM/TIME	LVL	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SHO VEL	OXYG	PO4	TOT P	MO2	MO3	SI03	PH
23.6	STO	00000	18.77	33.67	24.08	00.000	1517.1							
	OBS	00000	18.77	33.67	24.08		1517.1							
	STO	00010	18.84	33.67	24.07	00.038	1517.5							
	OBS	00010	18.84	33.67	24.07		1517.5							
	STO	00020	04.94	33.63	26.62	00.065	1469.3							
	OBS	00020	04.94											
	STO	00030	02.79	33.60	26.81	00.078	1460.3							
	OBS	00030	02.79											
	OBS	00046	01.34	33.54	26.87		1454.1							
	STO	00050	01.44	33.70	26.99	00.102	1454.8							
	OBS	00050	01.44	33.70	26.99		1454.8							
	OBS	00051	02.06	33.78	27.01		1457.7							
	OBS	00070	03.86	34.14	27.14		1466.3							
	OBS	00072	03.32	34.06	27.13		1463.9							
	STO	00075	03.44	34.12	27.16	00.126	1464.5							
	OBS	00075	03.44	34.12	27.16		1464.5							
	STO	00100	04.05	34.28	27.23	00.149	1467.7							
	OBS	00100	04.05	34.28	27.23		1467.7							
	OBS	00108	04.19	34.30	27.23		1468.5							
	OBS	00120	03.54	34.22	27.23		1465.8							
	STO	00125	03.74	34.28	27.26	00.170	1466.8							
	OBS	00125	03.74	34.28	27.26		1466.8							
	STO	00150	04.54	34.49	27.34	00.190	1470.9							
	OBS	00150	04.54	34.49	27.34		1470.9							
	OBS	00156	04.89	34.54	27.35		1472.5							
	OBS	00170	04.00	34.40	27.33		1468.8							
	OBS	00178	04.23	34.49	27.38		1470.1							
	OBS	00181	04.03	34.44	27.36		1469.2							
	OBS	00190	05.01	34.65	27.42		1473.7							
	STO	00200	05.04	34.66	27.42	00.226	1474.0							
	OBS	00200	05.04	34.66	27.42		1474.0							
	OBS	00208	05.19	34.70	27.44		1474.8							
	OBS	00218	04.89	34.64	27.42		1473.7							
	OBS	00228	05.01	34.69	27.45		1474.4							
	OBS	00233	04.96	34.68	27.45		1474.3							
	OBS	00238	05.02	34.69	27.45		1474.6							
	OBS	00246	04.37	34.60	27.45		1471.9							
	STO	00250	04.61	34.70	27.50	00.258	1473.1							
	OBS	00250	04.61	34.70	27.50		1473.1							
	OBS	00275	05.08	34.74	27.50		1475.5							
	OBS	00290	04.79	34.74	27.51		1474.6							
	STO	00300	05.18	34.88	27.58	00.288	1476.5							
	OBS	00300	05.18	34.88	27.58		1476.5							
	OBS	00310	06.17	35.05	27.59		1480.9							
	OBS	00318	06.15	35.04	27.59		1481.0							
	OBS	00321	06.22	35.06	27.59		1481.3							
	OBS	00340	06.13	35.04	27.59		1481.2							
	OBS	00370	05.17	34.91	27.61		1477.7							
	STO	00400	04.88	34.88	27.62	00.342	1476.9							
	OBS	00400	04.88	34.88	27.62		1476.9							
	OBS	00406	04.68	34.86	27.62		1476.2							
	OBS	00420	04.80	34.90	27.64		1477.0							
	OBS	00432	05.16	34.58	27.68		1478.8							
	OBS	00441	05.15	34.97	27.66		1478.9							
	OBS	00455	04.67	34.89	27.65		1477.0							
	OBS	00470	04.48	34.88	27.68		1476.4							
	OBS	00493	05.12	35.02	27.70		1479.7							
	STO	00500	05.10	35.01	27.69	00.392	1479.7							
	OBS	00500	05.10	35.01	27.69		1479.7							
	OBS	00540	04.48	34.92	27.69		1477.7							
	OBS	00550	04.42	34.92	27.70		1477.6							
	OBS	00570	04.45	34.94	27.71		1478.1							
	OBS	00590	04.37	34.93	27.71		1478.0							
	STO	00600	04.36	34.93	27.71	00.438	1478.2							
	OBS	00600	04.36	34.93	27.71		1478.2							
	OBS	00620	04.36	34.94	27.72		1478.5							
	STO	00700	04.28	34.94	27.73	00.484	1479.5							
	OBS	00700	04.28	34.94	27.73		1479.5							
	OBS	00750	04.26	34.95	27.74		1480.3							
	STO	00800	04.11	34.95	27.76	00.527	1480.5							
	OBS	00800	04.11	34.95	27.76		1480.5							
	OBS	00840	03.96	34.93	27.76		1480.5							
	OBS	00850	03.96	34.93	27.76		1480.6							
	STO	00900	03.89	34.92	27.76	00.571	1481.2							
	OBS	00900	03.89	34.92	27.76		1481.2							
	OBS	00940	03.78	34.91	27.76		1481.4							
	OBS	00960	03.70	34.89	27.75		1481.3							
	STO	01000	03.78	34.92	27.77	00.614	1482.4							
	OBS	01000	03.78	34.92	27.77		1482.4							
	OBS	01010	03.83	34.93	27.77		1482.8							
	OBS	01046	03.81	34.93	27.77		1483.3							
	OBS	01057	03.71	34.91	27.77		1483.0							
	STO	01100	03.71	34.91	27.77	00.658	1483.7							
	OBS	01100	03.71	34.91	27.77		1483.7							
	STO	01200	03.66	34.91	27.77	00.702	1485.2							
	OBS	01200	03.66	34.91	27.77		1485.2							
	STO	01300	03.62	34.91	27.78	00.744	1486.7							
	OBS	01300	03.62	34.91	27.78		1486.7							
	STO	01400	03.61	34.91	27.78	00.791	1488.4							
	OBS	01400	03.61	34.91	27.78		1488.4							
	STO	01500	03.61	34.92	27.78	00.834	1490.0							
	OBS	01500	03.61	34.92	27.78		1490.0							

TABLE III. USCGC CHASE, August-September, 1977.—Continued

MOOC STATION DATA															
REFID 31 0450	YEAR 1975	BDTOP 03392	A1A TEMP 21.1	D1A HGT PEA	WIND-DIR 15	INST STO RECQOER	YEN SQ 1306								
CONSEC 0012	MONTH 05	SHIP 01	MET BULB 19.9	08 8 3	WIND-SPD 25	TRACE DIR 0	5 SQUARE 2								
LA* 44 25.0N	DAY 03	DATA USE 1	BAROMETA 1018.6	SEA	WIND-FOA	DURATION 00.4	2 SQUARE 48								
LONG 048 08.5W	MOOR 03.1	AREA 05	CLOUD T/A	CL/TR	WEATHER X9	ORIG A3 06412	1 SQUARE 48								
CSTNUN/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DTNDPTH	SHD VEL	DAYC	P04	TOT P	MO2	MO3	S103	PH	
03.1	STO	00000	16.79	32.56	23.71	00.000	1510.0								
	085	00000	16.75	32.56	23.71		1510.0								
	STO	00010	06.43	32.80	25.78	00.032	1476.1								
	085	00010	06.43	32.80	25.78		1474.1								
	STO	00020	03.87	33.05	26.27	00.052	1464.0								
	085	00020	03.87	33.05	26.27		1464.0								
	STG	00030	02.05	33.22	26.57	00.068	1456.5								
	085	00030	02.05	33.22	26.57		1456.5								
	085	00035	01.44	33.58	26.90		1454.4								
	STO	00050	02.10	33.82	27.04	00.093	1457.9								
	085	00050	02.10	33.82	27.04		1457.9								
	STO	00075	04.29	34.20	27.14	00.118	1468.2								
	085	00075	04.25	34.20	27.14		1468.2								
	085	00080	03.57	34.16	27.14		1466.5								
	085	00090	04.75	34.36	27.22		1470.6								
	085	00092	04.62	34.35	27.22		1470.1								
	STO	00100	04.71	34.36	27.22	00.140	1470.6								
	085	00100	04.71	34.36	27.22		1470.6								
	085	00120	03.85	34.30	27.27		1467.3								
	STO	00125	04.24	34.36	27.27	00.162	1469.1								
	085	00125	04.24	34.36	27.27		1469.1								
	085	00140	05.74	34.69	27.36		1475.9								
	STO	00150	05.25	34.63	27.37	00.181	1474.0								
	085	00150	05.25	34.63	27.37		1474.0								
	085	00158	05.04	34.58	27.36		1473.2								
	085	00190	06.64	34.54	27.44		1480.7								
	STO	00200	06.57	34.92	27.44	00.216	1480.5								
	085	00200	06.57	34.92	27.44		1480.5								
	085	00218	05.60	34.78	27.45		1476.8								
	085	00235	05.91	34.88	27.49		1478.4								
	STO	00250	05.40	34.84	27.52	00.245	1476.6								
	085	00250	05.40	34.84	27.52		1476.6								
	STO	00300	05.18	34.86	27.56	00.278	1476.5								
	085	00300	05.18	34.86	27.56		1476.5								
	085	00325	05.05	34.86	27.58		1476.4								
	085	00330	05.10	34.87	27.58		1476.7								
	085	00380	04.34	34.81	27.62		1474.3								
	085	00395	04.52	34.66	27.64		1475.3								
	STO	00400	04.36	34.85	27.65	00.331	1474.8								
	085	00400	04.36	34.85	27.65		1474.8								
	085	00402	04.52	34.87	27.65		1475.5								
	085	00410	04.40	34.85	27.65		1475.1								
	085	00425	04.72	34.61	27.66		1476.7								
	085	00435	04.40	34.85	27.65		1475.5								
	085	00442	04.50	34.87	27.65		1476.1								
	085	00472	04.24	34.87	27.68		1475.5								
	STO	00500	04.47	34.92	27.69	00.375	1477.0								
	085	00500	04.47	34.92	27.69		1477.0								
	085	00520	04.54	34.93	27.69		1477.6								
	085	00550	04.55	34.94	27.70		1478.1								
	085	00565	04.50	34.94	27.71		1478.2								
	STO	00600	04.51	34.95	27.71	00.425	1478.8								
	085	00600	04.51	34.95	27.71		1478.8								
	085	00650	04.50	34.96	27.72		1479.6								
	STO	00700	04.40	34.96	27.73	00.470	1480.0								
	085	00700	04.40	34.96	27.73		1480.0								
	085	00760	04.14	34.93	27.74		1479.9								
	STO	00800	04.21	34.95	27.75	00.515	1480.9								
	085	00800	04.21	34.95	27.75		1480.9								
	085	00820	04.20	34.96	27.75		1481.2								
	085	00840	04.25	34.97	27.75		1481.9								
	STO	00900	04.18	34.96	27.76	00.555	1482.4								
	085	00900	04.18	34.96	27.76		1482.4								
	085	00960	04.04	34.95	27.76		1482.8								
	085	00970	03.66	34.94	27.76		1482.7								
	085	00980	04.02	34.95	27.77		1483.1								
	085	00990	03.95	34.93	27.76		1482.9								
	STO	01000	03.68	34.94	27.76	00.603	1483.2								
	085	01000	03.68	34.94	27.76		1483.2								
	085	01020	03.66	34.92	27.76		1483.0								
	STO	01100	03.79	34.92	27.77	00.647	1484.1								
	085	01100	03.79	34.92	27.77		1484.1								
	085	01160	03.75	34.92	27.77		1484.9								
	085	01180	03.71	34.91	27.77		1485.1								
	STO	01200	03.72	34.92	27.77	00.691	1485.5								
	085	01200	03.72	34.92	27.77		1485.5								
	085	01270	03.73	34.93	27.78		1486.7								
	085	01280	03.75	34.94	27.78		1487.1								
	STO	01300	03.77	34.94	27.78	00.735	1487.4								
	085	01300	03.77	34.94	27.78		1487.4								
	STO	01400	03.77	34.94	27.78	00.780	1489.1								
	085	01400	03.77	34.94	27.78		1489.1								
	085	01430	03.77	34.94	27.78		1489.6								
	085	01440	03.70	34.93	27.78		1489.4								
	STO	01500	03.65	34.93	27.79	00.825	1490.2								
	085	01500	03.65	34.93	27.79		1490.2								

TABLE III. USCGC CHASE, August-September, 1977.—Continued

MOOC STATION DATA														
REFID 31 0458	YEAR 1975	BOTOP 03178	AIR TEMP 21.1	OIR MGT PER	WIND-OIR 16	INST STD RECORDER	TEN SQ 1306							
CONSEC 0013	MONTH 09	SHIP E1	WET BULB 15.9	OB 8 4	WIND-SPO 15	TRACE OIR D	5 SQUARE 2							
LAT 44 28.0N	DAY 03	DATA USE 1	BAROMETER 1018.6	SEA	WIND-FOR	OURATICA 00.4	2 SQUARE 48							
LONG 048 20.9W	MOOR 04.5	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG A3 06413	1 SQUARE 48							
CASSTNUM/TIME	LVL/TYP	CEPTH	TEMP	SAL	SIGMA-T	GYNDPTH	SNO VEL	DAYC	PO4	TCT P	MO2	NO3	S103	PH
04.5	STO	00000	15.21	33.74	24.98	00.000	1506.5							
	085	00000	15.21	33.74	24.98		1506.5							
	STO	00010	15.11	33.74	25.00	00.030	1506.4							
	085	00010	15.11	33.74	25.00		1506.4							
	STO	00020	06.81	33.64	26.40	00.053	1476.8							
	085	00020	06.81	33.64	26.40		1476.8							
	STO	00030	02.81	33.49	26.72	00.068	1460.2							
	085	00030	02.81	33.49	26.72		1460.2							
	085	00040	01.66	33.42	26.75		1455.3							
	STO	00050	05.21	34.14	26.99	00.092	1471.6							
	085	00050	05.21	34.14	26.99		1471.6							
	085	00060	06.32	34.39	27.05		1476.5							
	STO	00075	05.36	34.34	27.13	00.117	1472.8							
	085	00075	05.36	34.34	27.13		1472.8							
	085	00075	05.11	34.32	27.15		1471.9							
	085	00093	05.97	34.58	27.25		1475.5							
	085	00097	05.55	34.50	27.24		1474.2							
	STO	00100	05.72	34.54	27.25	00.140	1475.0							
	085	00100	05.72	34.54	27.25		1475.0							
	085	00110	06.56	34.71	27.27		1478.7							
	085	00121	05.20	34.52	27.29		1473.2							
	STO	00125	05.12	34.55	27.36	00.160	1473.0							
	085	00125	05.12	34.59	27.36		1473.0							
	085	00130	04.98	34.57	27.38		1472.5							
	085	00148	06.25	34.84	27.41		1478.3							
	STO	00150	06.04	34.78	27.39	00.178	1477.4							
	085	00150	06.04	34.78	27.39		1477.4							
	085	00159	06.58	34.53	27.44		1475.9							
	STO	00200	03.85	34.60	27.51	00.211	1465.0							
	085	00200	03.85	34.60	27.51		1465.0							
	085	00204	03.76	34.58	27.50		1468.6							
	085	00230	05.53	34.50	27.55		1476.8							
	085	00244	05.06	34.83	27.55		1475.0							
	STO	00250	05.20	34.87	27.57	00.240	1475.8							
	085	00250	05.20	34.87	27.57		1475.8							
	085	00290	04.49	34.80	27.60		1473.4							
	STO	00300	04.50	34.81	27.60	00.267	1473.8							
	085	00300	04.50	34.81	27.60		1473.8							
	085	00308	04.50	34.83	27.62		1473.8							
	085	00341	05.01	34.91	27.62		1476.5							
	085	00370	04.03	34.81	27.65		1472.8							
	085	00385	04.01	34.81	27.66		1473.0							
	085	00391	04.09	34.83	27.66		1473.4							
	STO	00400	04.06	34.85	27.68	00.317	1473.5							
	085	00400	04.06	34.85	27.68		1473.5							
	085	00450	04.56	34.93	27.69		1476.5							
	085	00465	04.48	34.93	27.70		1476.4							
	085	00473	04.55	34.96	27.71		1477.0							
	085	00480	04.56	34.94	27.70		1477.0							
	085	00498	04.60	34.96	27.71		1477.5							
	STO	00500	04.56	34.95	27.71	00.362	1477.4							
	085	00500	04.56	34.95	27.71		1477.4							
	085	00510	04.59	34.96	27.71		1477.7							
	085	00520	04.50	34.95	27.71		1477.5							
	085	00550	04.51	34.95	27.71		1478.0							
	STO	00600	04.36	34.95	27.73	00.407	1478.2							
	085	00600	04.36	34.95	27.73		1478.2							
	085	00645	04.31	34.94	27.73		1478.7							
	085	00655	04.37	34.95	27.73		1479.1							
	STO	00700	04.10	34.93	27.74	00.450	1478.7							
	085	00700	04.10	34.93	27.74		1478.7							
	085	00710	04.17	34.95	27.75		1479.2							
	085	00730	04.15	34.94	27.74		1475.5							
	085	00740	04.25	34.96	27.75		1480.1							
	085	00750	04.00	34.93	27.75		1475.8							
	STO	00800	04.00	34.93	27.75	00.494	1480.0							
	085	00800	04.00	34.93	27.75		1480.0							
	085	00803	04.06	34.95	27.76		1480.3							
	085	00830	04.09	34.95	27.76		1480.9							
	085	00850	04.01	34.94	27.78		1480.9							
	085	00868	04.01	34.93	27.75		1481.2							
	085	00885	03.83	34.92	27.76		1480.7							
	STO	00900	03.89	34.93	27.76	00.537	1481.2							
	085	00900	03.89	34.93	27.76		1481.2							
	085	00970	03.56	34.88	27.76		1480.9							
	085	00988	03.58	34.85	27.76		1481.3							
	085	00951	03.46	34.91	27.77		1481.7							
	STO	01000	03.66	34.90	27.76	00.580	1481.8							
	085	01000	03.66	34.90	27.76		1481.8							
	085	01080	03.44	34.87	27.76		1482.2							
	STO	01100	03.43	34.87	27.76	00.623	1482.5							
	085	01100	03.43	34.87	27.76		1482.5							
	STO	01200	03.44	34.88	27.77	00.867	1484.2							
	085	01200	03.44	34.88	27.77		1484.2							
	STO	01300	03.44	34.89	27.78	00.710	1485.9							
	085	01300	03.44	34.89	27.78		1485.9							
	085	01350	03.49	34.89	27.77		1487.0							
	085	01385	03.49	34.85	27.77		1487.6							
	STO	01400	03.48	34.90	27.78	00.754	1487.8							
	085	01400	03.48	34.90	27.78		1487.8							
085	01450	03.52	34.91	27.75		1489.5								

TABLE III. USCGC CHASE, August-September, 1977.—Continued

N C C C S T A T I O N D A T A

CEPIC 31 8458	YEAR 1975	80TOP 02277	A1A TEMP 14.3	DIR PGT PER	WIND-DIR 17	INST STD RECORDER	TEN SO 1306
CONSEC 0014	MONTH 09	SHIP E1	WET BULB 13.9	08 7 4	WIND-SPO 10	TRACE DIR C	5 SQUARE 2
LA" 44 30.5N	DAY 03	DATA USE 1	BAROMETER 1018.6	SEA	WIND-FOA	DURATION 00.3	2 SQUARE 40
LONG 048 36.0W	HOUR 06.8	AREA 05	CLCUD T/A	CL/T/A	WEATHER X4	ORIG A3 06414	1 SQUARE 48

CASTNO/H/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SND VEL	ORYG	P04	TCT P	HQ2	HQ3	S103	PH
06.8	STD	00000	12.24	31.86	24.13	00.000	1494.4							
	085	00000	12.24	31.86	24.13		1454.4							
	STD	00010	09.62	32.46	25.05	00.034	1485.5							
	085	00010	09.62	32.46	25.05		1485.5							
	STD	00020	05.62	32.64	25.76	00.055	1470.7							
	085	00020	05.62	32.64	25.76		1470.7							
	STD	00030	03.05	32.94	26.26	00.075	1460.5							
	085	00030	03.05	32.94	26.26		1460.5							
	085	00030	03.45	33.04	26.94		1463.6							
	085	00045	02.63	34.17	27.28		1460.6							
	STD	00050	02.81	34.22	27.30	00.105	1461.6							
	085	00050	02.81	34.22	27.30		1461.6							
	085	00050	02.60	34.25	27.34		1460.8							
	STD	00075	02.19	34.37	27.47	00.123	1459.5							
	085	00075	02.19	34.37	27.47		1459.5							
	085	00090	02.27	34.46	27.54		1460.2							
	STD	00100	02.44	34.51	27.57	00.137	1461.2							
	085	00100	02.44	34.51	27.57		1461.2							
	085	00115	02.60	34.54	27.56		1463.0							
	STD	00125	03.75	34.64	27.55	00.151	1467.4							
	085	00125	03.75	34.64	27.55		1467.4							
	085	00142	03.53	34.72	27.55		1468.6							
	STD	00150	03.90	34.71	27.59	00.164	1468.5							
	085	00150	03.90	34.71	27.59		1468.5							
	085	00160	03.62	34.70	27.59		1468.3							
	085	00175	03.25	34.64	27.60		1468.1							
	085	00190	03.57	34.76	27.66		1467.8							
	STD	00203	04.15	34.84	27.66	00.185	1470.7							
	085	00200	04.19	34.84	27.66		1470.7							
	085	00224	04.64	34.85	27.65		1473.1							
	STD	00250	04.47	34.87	27.65	00.212	1472.8							
	085	00250	04.47	34.87	27.65		1472.8							
	085	00259	04.56	34.90	27.67		1473.4							
	085	00278	04.46	34.85	27.67		1473.2							
	STD	00300	04.46	34.89	27.67	00.236	1473.7							
	085	00300	04.48	34.89	27.67		1473.7							
	085	00310	04.45	34.90	27.68		1473.5							
	085	00318	04.31	34.88	27.68		1473.2							
	085	00330	04.41	34.91	27.69		1473.9							
	085	00333	04.56	34.93	27.69		1474.6							
	085	00360	04.76	34.98	27.71		1475.5							
	085	00360	04.81	35.00	27.72		1476.5							
	085	00390	05.04	35.03	27.72		1477.6							
	STD	00400	04.96	35.01	27.71	00.281	1477.5							
	085	00403	04.96	35.01	27.71		1477.5							
	085	00460	04.53	34.96	27.72		1476.6							
	STD	00500	04.44	34.96	27.73	00.325	1476.5							
	085	00500	04.44	34.96	27.73		1476.5							
	085	00570	04.29	34.95	27.74		1477.4							
	085	00568	04.33	34.96	27.74		1477.9							
	STD	00600	04.29	34.96	27.74	00.368	1477.9							
	085	00600	04.29	34.96	27.74		1477.9							
	STD	00700	04.14	34.95	27.75	00.410	1478.9							
	085	00700	04.14	34.95	27.75		1478.9							
	085	00730	04.13	34.95	27.75		1479.4							
	085	00740	04.08	34.94	27.75		1479.3							
	085	00770	04.12	34.95	27.76		1480.0							
	STD	00800	04.02	34.95	27.77	00.452	1480.1							
	085	00800	04.02	34.95	27.77		1480.1							
	085	00840	03.67	34.93	27.77		1480.1							
	STD	00900	03.86	34.93	27.77	00.494	1481.1							
	085	00900	03.86	34.93	27.77		1481.1							
	STD	01000	03.78	34.92	27.77	00.537	1482.4							
	085	01000	03.78	34.92	27.77		1482.4							
	085	01060	03.63	34.90	27.77		1482.7							
	STD	01100	03.58	34.90	27.77	00.580	1483.2							
	085	01100	03.58	34.90	27.77		1483.2							
	085	01160	03.56	34.90	27.77		1484.4							
	STD	01200	03.53	34.90	27.76	00.624	1484.6							
	085	01200	03.53	34.90	27.76		1484.6							
	085	01250	03.51	34.90	27.76		1485.5							
	085	01270	03.54	34.91	27.76		1485.9							
	STD	01300	03.54	34.91	27.76	00.667	1486.4							
	085	01300	03.54	34.91	27.76		1486.4							
	STD	01400	03.52	34.91	27.79	00.711	1486.0							
	085	01400	03.52	34.91	27.79		1486.0							
	085	01450	03.51	34.91	27.79		1486.8							
	STD	01500	03.50	34.91	27.79	00.755	1485.6							
	085	01500	03.50	34.91	27.79		1485.6							

TABLE III. USCGC CHASE, August-September, 1977.—Continued

MOOC STATION DATA

REFID 31 8458 YEAR 1975 BOTOP 00622 AIR TEMP 13.9 DIA HGT PER WIND-DIR 12 INST STO RECORDER TEN SO 1306
 CONSEC 0015 MONTH 09 SHIP E1 WET BULB 12.2 86 1 5 WIND-SPO 03 TRACE DIR 0 5 SQUARE 2
 LAT 44 35.5N DAY 03 DATA USE 1 BAROMETER 1020.0 SEA WIND-FOR DURATION 00.1 2 SQUARE 48
 LONG 048 53.0W HOUR 10.5 AREA 05 CLOUD T/A CL/TR WEATHER XO ORIG A3 06415 1 SQUARE 48

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
10.5	STO	00000	08.34	32.24	25.08	00.000	1480.6							
	OBS	00000	08.34	32.24	25.08		1480.6							
	STO	00010	00.38	32.60	26.17	00.024	1447.9							
	OBS	00010	00.38	32.60	26.17		1447.9							
	STO	00020	-0.88	32.90	26.47	00.041	1442.6							
	OBS	00020	-0.88	32.90	26.47		1442.6							
	STO	00030	-1.07	33.11	26.65	00.056	1442.2							
	OBS	00030	-1.07	33.11	26.65		1442.2							
	STO	00035	-1.10	33.24	26.75		1441.9							
	OBS	00035	-1.10	33.24	26.75		1441.9							
	STO	00050	-1.00	33.42	26.85	00.081	1443.3							
	OBS	00050	-1.00	33.42	26.85		1443.3							
	STO	00075	-0.84	33.51	26.96	00.110	1444.6							
	OBS	00075	-0.84	33.51	26.96		1444.6							
	STO	00100	-0.75	33.56	27.00	00.137	1445.5							
	OBS	00100	-0.75	33.56	27.00		1445.5							
	STO	00110	-0.67	33.55	27.02		1446.1							
	OBS	00110	-0.67	33.55	27.02		1446.1							
	STO	00125	-0.67	33.60	27.03	00.163	1446.3							
	OBS	00125	-0.67	33.60	27.03		1446.3							
	STO	00143	-0.64	33.62	27.04		1446.8							
	OBS	00143	-0.64	33.62	27.04		1446.8							
	STO	00150	-0.49	33.65	27.06	00.188	1447.6							
	OBS	00150	-0.49	33.65	27.06		1447.6							
	STO	00165	-0.45	33.69	27.09		1448.1							
	OBS	00165	-0.45	33.69	27.09		1448.1							
	STO	00180	-0.47	33.70	27.10		1448.3							
	OBS	00180	-0.47	33.70	27.10		1448.3							
	STO	00195	-0.34	33.73	27.12		1449.2							
	OBS	00195	-0.34	33.73	27.12		1449.2							
	STO	00200	-0.36	33.73	27.12	00.237	1449.2							
	OBS	00200	-0.36	33.73	27.12		1449.2							
	STO	00228	-0.30	33.77	27.15		1450.0							
	OBS	00228	-0.30	33.77	27.15		1450.0							
	STO	00250	-0.12	33.81	27.17	00.283	1451.2							
	OBS	00250	-0.12	33.81	27.17		1451.2							
	STO	00280	00.17	34.07	27.37		1453.4							
	OBS	00280	00.17	34.07	27.37		1453.4							
	STO	00300	01.52	34.36	27.52	00.320	1460.2							
	OBS	00300	01.52	34.36	27.52		1460.2							
	STO	00305	01.81	34.40	27.53		1461.6							
	OBS	00305	01.81	34.40	27.53		1461.6							
	STO	00325	01.99	34.47	27.57		1462.8							
	OBS	00325	01.99	34.47	27.57		1462.8							
	STO	00330	02.10	34.47	27.56		1463.4							
	OBS	00330	02.10	34.47	27.56		1463.4							
	STO	00350	02.12	34.48	27.57		1463.8							
	OBS	00350	02.12	34.48	27.57		1463.8							
	STO	00400	02.44	34.57	27.61	00.375	1466.2							
	OBS	00400	02.44	34.57	27.61		1466.2							
	STO	00430	02.59	34.62	27.64		1467.4							
	OBS	00430	02.59	34.62	27.64		1467.4							
	STO	00448	02.69	34.65	27.66		1468.2							
	OBS	00448	02.69	34.65	27.66		1468.2							

REFID 31 8458 YEAR 1975 BOTOP 00058 AIR TEMP 12.8 DIA HGT PER WIND-DIR 12 INST STO RECORDER TEN SO 1306
 CONSEC 0016 MONTH 09 SHIP E1 WET BULB 11.7 21 2 2 WIND-SPO 02 TRACE DIR 0 5 SQUARE 2
 LAT 44 38.0N DAY 03 DATA USE 1 BAROMETER 1020.3 SEA WIND-FOR DURATION 00.0 2 SQUARE 48
 LONG 045 06.0W HOUR 11.8 AREA 05 CLOUD T/A CL/TR WEATHER XO ORIG A3 06416 1 SQUARE 48

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
11.8	STO	00000	10.42	31.75	24.37	00.000	1487.8							
	OBS	00000	10.42	31.75	24.37		1487.8							
	STO	00010	-0.58	33.02	26.56	00.025	1444.0							
	OBS	00010	-0.58	33.02	26.56		1444.0							
	STO	00020	-0.74	33.06	26.59	00.040	1443.5							
	OBS	00020	-0.74	33.06	26.59		1443.5							
	STO	00030	-0.75	33.07	26.60	00.054	1443.6							
	OBS	00030	-0.75	33.07	26.60		1443.6							
	STO	00050	-0.77	33.08	26.61	00.083	1443.9							
	OBS	00050	-0.77	33.08	26.61		1443.9							

TABLE III. USCGC CHASE, August-September, 1977.—Continued

W D D C S T A T I O N D A T A

REFID 31 8456	YEAR 1975	BOTOP 00070	AIR TEMP 18.1	DIA HGT PER	WIND-DIR 12	INST STD RECORDER	TEN SQ 1307
CONSEC 0001	MONTH 09	SHIP E1	WET BULB 17.2	12 5 4	WIND-SPD 02	TRACE DIA 0	5 SQUARE 1
LAT 43 00.0N	DAY 03	DATA USE 1	BAROMETR 1020.5	SEA	WIND-FOR	DURATION 00.0	2 SQUARE 20
LONG 050 21.0W	MOUR 15.9	AREA 05	CLOUD T/A	CL/T/A	WEATHER 10	ORIG 84 03201	1 SQUARE 30

CASHTUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STD	00000	15.09	32.35	23.93	00.000	1504.4							
15.6	OBS	00000	15.09	32.35	23.93		1504.4							
	STD	00010	07.55	32.65	25.52	00.032	1478.3							
	OBS	00010	07.55	32.65	25.52		1478.3							
	STD	00020	01.40	32.98	26.42	00.053	1453.2							
	OBS	00020	01.40	32.98	26.42		1453.2							
	STD	00030	00.36	33.05	26.54	00.064	1448.7							
	OBS	00030	00.36	33.05	26.54		1448.7							
	OBS	00040	00.22	33.11	26.59		1448.3							
	STD	00050	00.17	33.11	26.60	00.098	1448.3							
	OBS	00050	00.17	33.11	26.60		1448.3							
	OBS	00052	00.15	33.13	26.61		1448.2							

REFID 31 8456	YEAR 1975	BOTOP 00084	AIR TEMP 18.1	DIA HGT PER	WIND-DIR 12	INST STD RECORDER	TEN SQ 1307
CONSEC 0002	MONTH 09	SHIP E1	WET BULB 17.2	05 5 4	WIND-SPD 02	TRACE DIA 0	5 SQUARE 1
LAT 43 00.0N	DAY 03	DATA USE 1	BAROMETR 1020.5	SEA	WIND-FOR	DURATION 00.0	2 SQUARE 20
LONG 050 21.5W	MOUR 21.5	AREA 05	CLOUD T/A	CL/TR	WEATHER 10	ORIG 84 03202	1 SQUARE 30

CASHTUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STD	00000	14.77	32.42	24.06	00.000	1503.5							
21.5	OBS	00000	14.77	32.42	24.06		1503.5							
	STD	00010	06.80	32.61	25.55	00.031	1475.3							
	OBS	00010	06.80	32.61	25.55		1475.3							
	STD	00020	04.05	32.75	26.02	00.033	1464.4							
	OBS	00020	04.05	32.75	26.02		1464.4							
	STD	00030	00.55	32.90	26.41	00.072	1449.4							
	OBS	00030	00.55	32.90	26.41		1449.4							
	OBS	00040	- 0.26	33.00	26.53		1446.0							
	STD	00050	- 0.46	33.16	26.66	00.102	1445.4							
	OBS	00050	- 0.46	33.16	26.66		1445.4							
	OBS	00055	- 0.69	33.23	26.73		1444.8							
	OBS	00060	- 0.69	33.23	26.73		1444.6							
	OBS	00065	- 0.65	33.23	26.73		1444.7							

REFID 31 8456	YEAR 1975	BOTOP 00226	AIR TEMP 18.3	DIA HGT PER	WIND-DIR 14	INST STD RECORDER	TEN SQ 1307
CONSEC 0003	MONTH 09	SHIP E1	WET BULB 17.2	10 6 7	WIND-SPD 03	TRACE DIA 0	5 SQUARE 1
LAT 42 50.0N	DAY 03	DATA USE 1	BAROMETR 1020.3	SEA	WIND-FOR	DURATION 00.1	2 SQUARE 20
LONG 050 18.0W	MOUR 22.9	AREA 05	CLOUD T/A	CL/T/A	WEATHER 10	ORIG 84 03203	1 SQUARE 20

CASHTUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STD	00000	16.47	32.88	24.03	00.000	1505.4							
22.9	OBS	00000	16.47	32.88	24.03		1509.4							
	STD	00010	11.34	33.04	25.21	00.033	1452.6							
	OBS	00010	11.34	33.04	25.21		1492.6							
	STD	00020	01.04	33.07	26.52	00.055	1451.7							
	OBS	00020	01.04	33.07	26.52		1451.7							
	STD	00030	00.30	33.22	26.66	00.069	1448.7							
	OBS	00030	00.30	33.22	26.66		1448.7							
	OBS	00045	- 0.64	33.30	26.76		1444.7							
	STD	00050	- 0.56	33.33	26.81	00.095	1445.2							
	OBS	00050	- 0.56	33.33	26.81		1445.2							
	OBS	00051	- 0.48	33.41	26.87		1445.7							
	OBS	00054	- 0.64	33.36	26.85		1445.0							
	OBS	00060	- 0.48	33.46	26.91		1445.6							
	OBS	00062	- 0.76	33.43	26.89		1444.6							
	STD	00075	- 0.74	33.49	26.94	00.125	1445.0							
	OBS	00075	- 0.74	33.49	26.94		1445.0							
	STD	00100	- 0.28	33.70	27.09	00.151	1447.8							
	OBS	00100	- 0.28	33.70	27.09		1447.8							
	STD	00125	00.07	33.82	27.17	00.175	1450.0							
	OBS	00125	00.07	33.82	27.17		1450.0							
	OBS	00140	02.84	34.08	27.19		1463.0							
	STD	00150	01.74	33.95	27.17	00.167	1458.1							
	OBS	00150	01.74	33.95	27.17		1458.1							
	OBS	00160	01.66	34.08	27.27		1459.0							
	OBS	00175	01.10	34.04	27.29		1455.8							
	OBS	00185	01.61	34.15	27.34		1458.4							
	OBS	00190	01.51	34.12	27.33		1458.0							
	OBS	00193	01.59	34.19	27.38		1458.6							

TABLE III. USCGC CHASE, August-September, 1977.—Continued

N O O C S T A T I O N D A T A

REFID 31	8455	YEAR 1975	80TOP 01422	AIR TEMP 18.3	DIR HGT PER	WIND-DIR 14	INST STO RECORDER	7EN SO 1307
CONSEC	0304	MONTH 09	SHIP E1	WET GULB 17.2	18 6 8	WIND-SPD 02	TRACE DIR 0	5 SQUARE 1
LA" 42 40.5N		DAY 04	DATA USE 1	BAROMETR 1020.3	SEA	WIND-FOR	DURATION 00.2	2 SQUARE 20
LONG 050 19.5W		HOOR 00.5	AREA 05	CLOUD 7/A	CL/7R	WEATHER 3J	DRIG A4 03204	1 SQUARE 20

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SND VEL	DAYG	PO4	TOT P	MO2	MO3	S103	PH
00.5	STO	00000	14.30	32.68	23.52	00.000	1508.6							
085	00030	16.30	32.88	23.92			1508.6							
STO	00010	10.02	32.57	25.07	00.034	1487.5								
085	00010	10.02	32.57	25.07		1487.5								
STO	00020	06.67	32.59	25.59	00.061	1474.5								
085	00020	06.67	32.59	25.59		1474.9								
STO	00030	03.91	33.03	26.25	00.082	1464.3								
085	00030	03.91	33.03	26.25		1464.3								
STO	00050	02.22	33.46	26.74	00.113	1457.5								
085	00050	02.22	33.46	26.74		1457.5								
085	00061	01.07	33.42	26.75		1453.0								
085	00069	00.71	33.38	26.78		1451.4								
STO	00075	01.26	33.76	27.05	00.142	1454.5								
085	00075	01.26	33.76	27.05		1454.5								
STO	00100	01.42	33.82	27.09	00.167	1455.7								
085	00100	01.42	33.82	27.09		1455.7								
085	00115	01.56	33.57	27.20		1458.8								
STO	00125	01.86	34.08	27.27	00.185	1458.4								
085	00125	01.86	34.08	27.27		1458.4								
085	00130	02.15	34.11	27.27		1459.8								
STO	00150	02.27	34.16	27.30	00.210	1460.8								
085	00150	02.27	34.16	27.30		1460.8								
085	00165	02.73	34.26	27.34		1463.1								
STO	00200	01.48	34.20	27.35	00.247	1458.2								
085	00200	01.48	34.20	27.39		1458.2								
STO	00250	01.80	34.34	27.48	00.280	1460.6								
085	00250	01.80	34.34	27.48		1460.6								
085	00285	01.97	34.41	27.52		1462.0								
STO	00300	02.20	34.44	27.53	00.310	1463.3								
085	00300	02.20	34.44	27.53		1463.3								
085	00310	02.20	34.45	27.54		1463.5								
085	00320	02.17	34.45	27.54		1463.5								
085	00345	02.39	34.52	27.58		1465.0								
085	00360	02.39	34.55	27.60		1465.3								
085	00390	02.93	34.63	27.62		1468.2								
085	00355	02.79	34.66	27.65		1467.7								
STO	00400	02.83	34.66	27.65	00.363	1468.0								
085	00400	02.83	34.66	27.65		1468.0								
085	00420	02.83	34.66	27.65		1468.3								
085	00430	02.89	34.67	27.65		1468.8								
085	00440	02.85	34.68	27.87		1468.8								
STO	00500	03.08	34.74	27.65	00.405	1470.8								
085	00500	03.08	34.74	27.69		1470.8								
STO	00600	03.24	34.78	27.71	00.454	1473.2								
085	00600	03.24	34.78	27.71		1473.2								
085	00660	03.37	34.80	27.71		1474.6								
STO	00700	03.27	34.75	27.71	00.458	1475.0								
085	00700	03.27	34.75	27.71		1475.0								
085	00770	03.32	34.82	27.73		1478.5								
STO	00800	03.35	34.82	27.73	00.542	1477.1								
085	00800	03.35	34.82	27.73		1477.1								
STO	00900	03.35	34.84	27.75	00.586	1478.8								
085	00900	03.35	34.84	27.75		1478.8								
STO	01000	03.35	34.84	27.75	00.625	1480.4								
085	01000	03.35	34.84	27.75		1480.4								
STO	01100	03.35	34.85	27.75	00.673	1482.1								
085	01100	03.35	34.85	27.75		1482.1								
STO	01200	03.35	34.85	27.75	00.718	1483.8								
085	01200	03.35	34.85	27.75		1483.8								
STO	01300	03.38	34.86	27.76	00.763	1485.6								
085	01300	03.38	34.86	27.76		1485.6								
085	01370	03.38	34.87	27.77		1486.8								

TABLE III. USCGC CHASE, August-September, 1977.—Continued

MOOC STATION DATA														
REFID 31 8455	YEAR 1975	BOTCP 02165	AIR TEMP 18.3	OIR HGT PER	WIND-OIR 13	INST STO RECORDER	TEM SG 1307							
CONSEC 0005	MONTH 05	SHIP E1	WET 0UL6 17.2	18 6 6	WIND-SPO 03	TRACE OIR 0	5 SQUARE 1							
LA* 42 29.0N	DAY 04	DATA USE 1	BAROMETR 1020.3	SEA	WIND-FOR	DURATION 00.3	2 SQUARE 20							
LONG 050 19.0W	HOUR 02.4	AREA 05	CLCUO 7/A	CL/78	WEATHER XO	ORIG A4 03205	1 SQUARE 20							
CASTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYMOPHT	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	S103	PH
02.4	STO	00000	18.92	33.73	24.09	00.000	1517.6							
	085	00000	18.92	33.73	24.09		1517.6							
	085	00007	19.23	33.87	24.12		1518.8							
	STO	00010	18.84	33.85	24.20	00.038	1517.7							
	085	00010	18.84	33.85	24.20		1517.7							
	085	00011	19.24	34.13	24.32		1519.2							
	085	00012	18.44	34.29	24.63		1517.2							
	STO	00020	19.50	34.64	24.64	00.073	1520.7							
	085	00020	19.50	34.64	24.64		1520.7							
	STO	00030	10.50	33.89	26.02	00.100	1451.3							
	085	00030	10.50	33.89	26.02		1451.3							
	STO	00050	12.67	35.33	26.73	00.133	1501.0							
	085	00050	12.67	35.33	26.73		1501.0							
	085	00055	13.20	35.48	26.74		1503.0							
	085	00060	13.03	35.44	26.75		1502.5							
	085	00070	13.55	35.64	26.79		1504.6							
	STO	00075	13.34	35.58	26.79	00.166	1504.0							
	085	00075	13.34	35.58	26.79		1504.0							
	STO	00100	12.57	35.52	26.82	00.198	1503.1							
	085	00100	12.57	35.52	26.82		1503.1							
	085	00115	11.76	35.32	26.90		1498.9							
	085	00121	12.10	35.40	26.90		1500.3							
	STO	00125	12.00	35.39	26.91	00.228	1500.0							
	085	00125	12.00	35.39	26.91		1500.0							
	085	00145	11.32	35.25	26.93		1497.8							
	STO	00150	11.51	35.36	26.98	00.257	1498.7							
	085	00150	11.51	35.36	26.98		1498.7							
	085	00157	11.37	35.32	26.98		1498.3							
	085	00160	11.45	35.35	26.98		1498.6							
	STO	00200	08.25	34.64	26.97	00.313	1486.7							
	085	00200	08.25	34.64	26.97		1486.7							
	085	00211	06.76	34.55	27.12		1481.0							
	085	00242	08.09	34.87	27.18		1487.1							
	085	00248	07.91	34.83	27.17		1486.4							
	STO	00250	08.00	34.84	27.17	00.365	1486.8							
	085	00250	08.00	34.84	27.17		1486.8							
	085	00270	06.57	34.62	27.20		1481.3							
	085	00252	08.80	35.09	27.24		1490.9							
	STO	00300	08.33	35.00	27.24	00.412	1489.1							
	085	00300	08.33	35.00	27.24		1489.1							
	085	00310	07.61	34.90	27.27		1486.4							
	085	00320	08.09	35.05	27.32		1488.6							
	085	00348	06.64	34.84	27.36		1483.1							
	085	00351	06.89	34.94	27.41		1484.3							
	085	00361	06.83	34.92	27.40		1484.2							
	085	00369	06.88	34.95	27.42		1484.6							
	STO	00400	03.60	34.48	27.44	00.491	1471.1							
	085	00400	03.60	34.48	27.44		1471.1							
	085	00421	02.78	34.41	27.46		1467.8							
	085	00430	03.72	34.56	27.49		1472.2							
	085	00441	03.27	34.52	27.50		1470.4							
	085	00450	04.01	34.66	27.54		1473.9							
	085	00459	03.78	34.62	27.53		1473.0							
	085	00461	03.82	34.64	27.54		1473.2							
	085	00470	03.75	34.63	27.54		1473.0							
	085	00475	03.82	34.64	27.54		1473.4							
	085	00490	03.46	34.62	27.56		1472.1							
	STO	00500	03.57	34.68	27.60	00.552	1472.8							
	085	00500	03.57	34.68	27.60		1472.8							
	085	00510	03.82	34.72	27.60		1474.1							
	085	00530	03.91	34.79	27.65		1474.9							
	085	00550	04.84	34.94	27.67		1475.3							
	085	00590	04.09	34.84	27.67		1476.7							
	STO	00600	04.08	34.84	27.67	00.604	1476.9							
	085	00600	04.08	34.84	27.67		1476.9							
	085	00615	04.15	34.86	27.68		1477.4							
	085	00635	04.52	34.93	27.70		1479.4							
	085	00640	04.42	34.90	27.68		1479.0							
	085	00680	05.12	35.04	27.71		1482.8							
	STO	00700	05.14	35.04	27.71	00.652	1483.2							
	085	00700	05.14	35.04	27.71		1483.2							
	STO	00800	04.88	35.02	27.73	00.700	1483.8							
	085	00800	04.88	35.02	27.73		1483.6							
	085	00870	04.06	34.91	27.73		1481.4							

TABLE III. USCGC CHASE, August-September, 1977.—Continued

W O O C S T A T I O N O A T A														
CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-7	CYNDPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
OBS	00890	04.04	34.91	27.73			1481.6							
STD	00900	04.13	34.94	27.75		00.746	1482.2							
OBS	00900	04.13	34.94	27.75			1482.2							
OBS	00920	04.20	34.95	27.75			1482.8							
OBS	00940	04.20	34.95	27.75			1483.2							
OBS	00970	04.34	34.98	27.76			1484.3							
STD	01000	04.37	34.99	27.76		00.791	1484.9							
OBS	01000	04.37	34.99	27.76			1484.9							
STD	01100	04.32	34.99	27.77		00.836	1486.4							
OBS	01100	04.32	34.99	27.77			1486.4							
OBS	01115	04.26	34.99	27.77			1486.4							
OBS	01160	04.28	34.99	27.77			1487.2							
STD	01200	04.23	34.98	27.77		00.882	1487.7							
OBS	01200	04.23	34.98	27.77			1487.7							
OBS	01215	04.09	34.96	27.77			1487.3							
OBS	01221	04.17	34.99	27.78			1487.8							
OBS	01250	04.17	34.98	27.77			1488.3							
OBS	01270	03.78	34.91	27.76			1486.8							
OBS	01290	03.88	34.94	27.77			1487.7							
STD	01300	03.67	34.90	27.78		00.928	1486.5							
OBS	01300	03.67	34.90	27.76			1486.9							
OBS	01310	03.67	34.90	27.76			1487.1							
OBS	01330	03.91	34.95	27.78			1488.5							
OBS	01390	03.62	34.90	27.77			1488.2							
STD	01400	03.75	34.93	27.78		00.974	1489.0							
OBS	01400	03.75	34.93	27.78			1489.0							
OBS	01415	03.88	34.95	27.78			1489.8							
OBS	01429	03.66	34.91	27.77			1489.0							
OBS	01450	03.68	34.92	27.78			1489.5							
OBS	01480	03.66	34.91	27.77			1489.6							
OBS	01480	03.70	34.92	27.78			1490.1							
OBS	01490	03.58	34.91	27.78			1489.7							

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TABLE III. USCGC CHASE, August-September, 1977.—Continued

MOCC STATION DATA

REFID 31 8455	YEAR 1975	BOTOP 02559	ATA TEMP 18.3	OIR MGT PER	WIND-OIR 18	INST STC RECORDER	TEH SO 1307
CONSEC 0006	MONTH 05	SMP 81	WET BULB 17.2	00 0 X	WIND-SPO 01	TRACE OIR 0	5 SQUARE 1
LAT 42 10.5N	DAY 04	DATA USE 1	BARCHMTR 1018.6	SEA	WIND-FOA	DURATION 00.4	2 SQUARE 20
LONG 050 20.0W	MOAR 05.0	AREA 05	CLOUD T/4	CL/TR	WEATHER X0	CRIG A4 03206	1 SQUARE 20

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OTNOR7P	SND VEL	DAYG	PO4	TOT P	NO2	NO3	SI03	PH
05.0	STO	00030	21.27	34.96	24.41	00.000	1525.5							
	OBS	00000	21.27	34.96	24.41		1525.5							
	STO	00010	21.66	35.24	24.51	00.035	1527.0							
	OBS	00010	21.66	35.24	24.51		1527.0							
	OBS	00011	21.80	35.34	24.55		1527.5							
	STO	00320	21.53	35.55	24.82	00.068	1527.2							
	OBS	00020	21.53	35.55	24.82		1527.2							
	STO	00030	18.68	35.65	25.62	00.095	1519.7							
	OBS	00030	18.66	35.65	25.62		1519.7							
	STO	00050	16.61	35.84	26.27	00.137	1514.2							
	OBS	00050	16.61	35.84	26.27		1514.2							
	OBS	00051	16.41	35.80	26.28		1513.6							
	OBS	00060	16.88	36.07	26.43		1514.9							
	STO	00075	15.80	35.95	26.54	00.178	1512.3							
	OBS	00075	15.80	35.95	26.54		1512.3							
	OBS	00081	15.50	35.91	26.58		1511.4							
	OBS	00089	15.65	35.98	26.60		1512.1							
	STO	00100	15.17	35.51	26.85	00.215	1510.7							
	OBS	00100	15.17	35.51	26.85		1510.7							
	STO	00125	14.55	35.77	26.88	00.251	1509.0							
	OBS	00125	14.55	35.77	26.88		1509.0							
	STO	00150	14.03	35.73	26.78	00.285	1507.6							
	OBS	00150	14.03	35.73	26.78		1507.6							
	STO	00200	13.24	35.66	26.87	00.345	1505.8							
	OBS	00200	13.24	35.66	26.87		1505.8							
	STO	00250	12.37	35.55	26.96	00.410	1503.5							
	OBS	00250	12.37	35.55	26.96		1503.5							
	OBS	00258	12.30	35.54	26.97		1503.4							
	OBS	00263	12.43	35.60	26.99		1504.0							
	STO	00300	11.63	35.44	27.02	00.467	1501.7							
	OBS	00300	11.63	35.44	27.02		1501.7							
	STO	00400	09.67	35.22	27.20	00.572	1496.0							
	OBS	00400	09.67	35.22	27.20		1496.0							
	STO	00500	07.91	35.08	27.37	00.660	1490.9							
	OBS	00500	07.91	35.08	27.37		1490.9							
	STO	00600	06.50	35.04	27.54	00.733	1487.0							
	OBS	00600	06.50	35.04	27.54		1487.0							
	OBS	00670	05.88	35.03	27.61		1485.7							
	OBS	00680	05.63	35.05	27.62		1486.1							
	STO	00700	05.78	35.05	27.64	00.793	1485.6							
	OBS	00700	05.78	35.05	27.64		1485.6							
	OBS	00725	05.67	35.04	27.65		1485.8							
	OBS	00735	05.45	35.01	27.65		1485.0							
	OBS	00750	05.41	35.00	27.65		1485.1							
	OBS	00755	05.28	35.00	27.66		1486.6							
	STO	00833	05.16	35.02	27.65	00.846	1484.5							
	OBS	00800	05.16	35.02	27.65		1484.5							
	OBS	00812	05.07	35.01	27.70		1484.7							
	OBS	00840	05.06	35.03	27.71		1485.2							
	OBS	00855	05.15	35.06	27.72		1486.0							
	OBS	00865	05.16	35.05	27.72		1486.0							
	OBS	00895	05.31	35.09	27.73		1487.2							
	STO	00930	05.26	35.08	27.73	00.896	1487.1							
	OBS	00900	05.26	35.08	27.73		1487.1							
	STO	01000	04.80	35.03	27.74	00.944	1486.8							
	OBS	01000	04.80	35.03	27.74		1486.8							
	OBS	01045	04.61	35.01	27.75		1486.7							
	OBS	01060	04.65	35.02	27.75		1487.1							
	STO	01100	04.44	35.00	27.76	00.991	1486.9							
	OBS	01100	04.44	35.00	27.76		1486.9							
	OBS	01150	04.37	35.00	27.77		1487.5							
	STO	01200	04.21	34.98	27.77	01.038	1487.6							
	OBS	01200	04.21	34.98	27.77		1487.6							
	STO	01300	04.08	34.97	27.78	01.083	1488.7							
	OBS	01300	04.08	34.97	27.78		1488.7							
	OBS	01320	04.02	34.96	27.77		1488.8							
	OBS	01370	04.02	34.97	27.78		1489.6							
	OBS	01390	04.05	34.98	27.79		1490.1							
	STO	01400	04.16	35.00	27.79	01.125	1490.8							
	OBS	01400	04.16	35.00	27.79		1490.8							
	OBS	01410	04.11	34.95	27.79		1490.7							
	OBS	01440	04.13	35.00	27.79		1491.3							
	STO	01500	04.01	34.99	27.80	01.175	1491.8							
	OBS	01500	04.01	34.99	27.80		1491.8							

TABLE III. USCGC CHASE, August-September, 1977.—Continued

MOOC STATION DATA

REFID 31	0455	YEAR 1975	BOTOP 03484	AIR TEMP 18.3	DIR MGT PER	WIND-DIR 22	INST STD RECORDER	TEN SO 1307
CONSEC	0007	MONTH 09	SHIP E1	WET BULB 17.2	17 3 7	WIND-SPO 05	TRACE DIA 0	5 SQUARE 1
L67	41 52.0N	DAY 04	DATA USE 1	BAROMETR 1018.6	SEA	WIND-FOR	DURATION 00.6	2 SQUARE 00
LONG 050 16.5W		HOUR 07.9	ARE6 05	CLCUD T/A	CL/TR	WEATHER 40	ORIG A4 03207	1 SQUARE 10

CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	S103	PH
	STD	00000	24.59	35.86	24.14	00.000	1534.8							
07.9	085	00000	24.59	35.86	24.14		1534.8							
	STD	00010	24.59	35.87	24.14	00.038	1535.0							
	085	00010	24.59	35.87	24.14		1535.0							
	STD	00020	24.32	35.84	24.20	00.076	1534.5							
	085	00020	24.32	35.84	24.20		1534.5							
	085	00021	24.14	35.80	24.21		1534.1							
	085	00023	24.45	36.31	24.52		1535.4							
	STD	00030	23.89	36.35	24.65	00.111	1534.4							
	085	00030	23.89	36.35	24.69		1534.4							
	STD	00050	20.53	36.32	25.54	00.168	1527.0							
	085	00050	20.53	36.32	25.54		1527.0							
	STD	00075	19.72	36.54	26.03	00.224	1524.4							
	085	00075	19.72	36.54	26.03		1524.4							
	085	00092	17.12	36.16	26.39		1516.8							
	STD	00100	17.24	36.18	26.38	00.271	1517.3							
	085	00100	17.24	36.18	26.38		1517.3							
	085	00111	17.78	36.34	26.37		1519.3							
	STD	00125	17.66	36.37	26.42	00.312	1519.2							
	085	00125	16.87 P											
	085	00138	17.46	36.40	26.49		1518.9							
	STD	00150	17.25	36.32	26.48	00.353	1518.3							
	085	00150	17.25	36.32	26.48		1518.3							
	STD	00200	16.68	36.27	26.58	00.432	1517.4							
	085	00200	16.68	36.27	26.58		1517.4							
	STD	00250	15.94	36.13	26.65	00.507	1515.8							
	085	00250	15.94	36.13	26.65		1515.8							
	085	00255	13.73	35.52	26.66		1508.8							
	STD	00300	13.57	35.75	26.79	00.576	1509.9							
	085	00300	13.57	35.75	26.79		1509.9							
	085	00335	13.47	35.68	26.84		1508.8							
	085	00345	13.55	35.76	26.89		1509.3							
	085	00365	12.59	35.55	26.92		1506.2							
	STD	00400	12.30	35.53	26.96	00.706	1505.7							
	085	00400	12.30	35.53	26.96		1505.7							
	085	00455	11.10	35.36	27.06		1502.2							
	085	00465	10.60	35.34	27.13		1500.6							
	085	00480	10.59	35.34	27.13		1500.8							
	STD	00500	10.30	35.30	27.15	00.818	1500.1							
	085	00500	10.30	35.30	27.15		1500.1							
	STD	00600	08.23	35.10	27.34	00.913	1493.8							
	085	00600	08.23	35.10	27.34		1493.8							
	STD	00700	06.56	35.04	27.53	00.985	1488.9							
	085	00700	06.56	35.04	27.53		1488.9							
	STD	00800	05.68	35.03	27.64	01.051	1487.0							
	085	00800	05.68	35.03	27.64		1487.0							
	085	00850	05.47	35.02	27.67		1486.6							
	085	00862	05.40	35.04	27.68		1486.9							
	STD	00900	05.37	35.06	27.70	01.106	1487.5							
	085	00900	05.37	35.06	27.70		1487.5							
	085	00910	05.43	35.07	27.70		1487.9							
	085	00965	05.01	35.02	27.71		1487.0							
	085	00975	05.05	35.03	27.71		1487.4							
	STD	01000	04.96	35.03	27.72	01.157	1487.4							
	085	01000	04.96	35.03	27.72		1487.4							
	085	01089	04.54	35.05	27.74		1488.8							
	STD	01100	04.76	35.03	27.75	01.206	1488.3							
	085	01100	04.76	35.03	27.75		1488.3							
	085	01130	04.67	35.03	27.76		1488.4							
	085	01150	04.69	35.03	27.76		1488.8							
	STD	01200	04.55	35.01	27.76	01.254	1489.0							
	085	01200	04.55	35.01	27.76		1489.0							
	085	01215	04.47	35.01	27.76		1489.0							
	STD	01300	04.36	35.01	27.78	01.301	1489.9							
	085	01300	04.36	35.01	27.78		1489.9							
	STD	01400	04.23	34.99	27.78	01.348	1491.0							
	085	01400	04.23	34.99	27.78		1491.0							
	085	01440	04.19	34.98	27.77		1491.5							
	085	01450	03.56	34.95	27.77		1490.7							
	085	01465	03.58	34.97	27.75		1491.1							
	085	01490	03.69	34.95	27.78		1491.1							
	STD	01500	03.85	34.95	27.78	01.395	1491.3							
	085	01500	03.89	34.95	27.78		1491.3							

TABLE III. USCGC CHASE, August-September, 1977.—Continued

NDDC STATION DATA

REFID 31 8455	YEAR 1975	CTOP 03105	AIR TEMP 25.7	DIR HGT PER	WIND-DIR 35	INST STO RECDROER	TEN SO 1307
CONSEC 0008	MONTH 04	SHIP E1	WET GULB 21.9	02 4 4	WIND-SPD 20	TRACE DIR 0	5 SQUARE 1
LAT 41 23.0N	DAY 05	DATA USE 1	BAROMETER 1016.6	SEA	WIND-FDA	DURATION 00.4	2 SQUARE 00
LONG 050 21.0W	MOUR 13.0	AREA 05	CLCUO T/A	CL/T/A	WEATHER X1	ORIG A4 03208	1 SQUARE 10

CASTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYMPTH	SNO VEL	DRYG	PD4	TOT P	MO2	MO3	S103	PH
15.0	STO	00000	25.02	36.27	24.31	00.000	1536.3							
	OBS	00000	25.02	36.27	24.31		1536.3							
	STO	00010	24.99	36.27	24.32	00.036	1536.4							
	OBS	00010	24.99	36.27	24.32		1536.4							
	STO	00020	24.99	36.28	24.33	00.072	1536.6							
	OBS	00020	24.99	36.28	24.33		1536.6							
	STO	00030	25.00	36.28	24.33	00.108	1536.8							
	OBS	00030	25.00	36.28	24.33		1536.8							
	OBS	00040	25.03	36.30	24.33		1537.0							
	STO	00050	24.83	36.27	24.37	00.181	1536.7							
	OBS	00050	24.83	36.27	24.37		1536.7							
	OBS	00060	23.97	36.26	24.64		1534.8							
	STO	00075	21.70	36.34	25.34	00.259	1529.4							
	OBS	00075	21.70	36.34	25.34		1529.4							
	OBS	00077	21.39	36.37	25.45		1528.7							
	OBS	00081	21.67	36.52	25.48		1529.7							
	STO	00100	20.75	36.53	25.74	00.321	1527.6							
	OBS	00100	20.75	36.53	25.74		1527.6							
	STO	00125	18.97	36.02	25.83	00.377	1522.5							
	OBS	00125	18.97	36.02	25.83		1522.5							
	STO	00150	17.50	36.05	26.22	00.426	1516.8							
	OBS	00150	17.50	36.05	26.22		1516.8							
	STO	00200	16.75	36.11	26.44	00.517	1511.4							
	OBS	00200	16.75	36.11	26.44		1511.4							
	OBS	00220	16.06	36.04	26.54		1515.6							
	OBS	00225	16.05	36.08	26.57		1515.8							
	OBS	00235	15.96	36.06	26.55		1515.5							
	OBS	00239	16.00	36.06	26.58		1515.7							
	STO	00250	15.65	36.00	26.61	00.596	1514.7							
	OBS	00250	15.65	36.00	26.61		1514.7							
	OBS	00255	15.52	36.01	26.65		1514.4							
	OBS	00270	15.49	36.01	26.66		1514.6							
	OBS	00290	14.86	35.90	26.71		1512.9							
	OBS	00293	14.93	35.92	26.71		1513.1							
	STO	00300	14.86	35.90	26.71	00.665	1513.0							
	OBS	00300	14.86	35.90	26.71		1513.0							
	OBS	00307	15.05	35.97	26.73		1513.8							
	OBS	00365	13.93	35.78	26.82		1510.9							
	OBS	00370	13.83	35.82	26.87		1510.7							
	OBS	00375	13.61	35.84	26.87		1511.1							
	STO	00400	13.56	35.74	26.87	00.806	1510.2							
	OBS	00400	13.56	35.74	26.87		1510.2							
	OBS	00425	12.81	35.62	26.93		1508.0							
	OBS	00429	12.84	35.62	26.92		1508.1							
	OBS	00460	12.12	35.52	26.95		1506.1							
	OBS	00470	12.13	35.52	26.99		1506.3							
	STO	00500	11.54	35.44	27.04	00.925	1504.6							
	OBS	00500	11.54	35.44	27.04		1504.6							
	STO	00600	09.38	35.19	27.22	01.036	1498.2							
	OBS	00600	09.38	35.19	27.22		1498.2							
	OBS	00647	08.54	35.11	27.30		1495.8							
	OBS	00655	08.52	35.11	27.30		1495.8							
	OBS	00674	08.17	35.09	27.34		1494.8							
	OBS	00676	08.24	35.12	27.35		1495.2							
	STO	00700	07.94	35.08	27.37	01.127	1494.3							
	OBS	00700	07.94	35.08	27.37		1494.3							
	OBS	00708	07.84	35.08	27.38		1494.1							
	OBS	00712	07.86	35.08	27.38		1494.2							
	OBS	00717	07.58	35.09	27.43		1493.2							
	OBS	00730	07.52	35.08	27.43		1493.2							
	OBS	00750	06.55	35.06	27.49		1491.4							
	OBS	00760	06.76	35.04	27.50		1490.7							
	STO	00800	06.42	35.04	27.55	01.203	1490.0							
	OBS	00800	06.42	35.04	27.55		1490.0							
	OBS	00815	06.31	35.05	27.57		1490.8							
	OBS	00825	06.28	35.06	27.58		1489.9							
	OBS	00835	06.31	35.07	27.59		1490.2							
	OBS	00845	06.08	35.05	27.60		1489.4							
	OBS	00850	06.06	35.07	27.62		1489.5							
	STO	00900	05.68	35.05	27.65	01.265	1488.7							
	OBS	00900	05.68	35.05	27.65		1488.7							
	OBS	00940	05.37	35.03	27.68		1488.1							
	OBS	00975	05.12	35.02	27.70		1487.6							
	STO	01000	04.98	35.01	27.71	01.315	1487.5							
	OBS	01000	04.98	35.01	27.71		1487.5							
	STO	01100	04.82	35.01	27.73	01.370	1486.5							
	OBS	01100	04.82	35.01	27.73		1486.5							
	STO	01200	04.61	35.00	27.74	01.420	1485.3							
	OBS	01200	04.61	35.00	27.74		1485.3							
	STO	01300	04.45	35.00	27.76	01.465	1485.3							
	OBS	01300	04.45	35.00	27.76		1485.3							
	OBS	01330	04.42	35.00	27.76		1490.7							
	OBS	01370	04.43	35.00	27.76		1491.4							
	STO	01400	04.23	35.00	27.78	01.517	1491.1							
	OBS	01400	04.23	35.00	27.78		1491.1							
	OBS	01445	04.26	34.99	27.77		1491.5							
	OBS	01477	04.23	34.99	27.78		1492.3							
	OBS	01485	04.14	34.99	27.78		1492.3							
	STO	01500	04.18	34.99	27.78	01.564	1492.5							
	OBS	01500	04.18	34.99	27.78		1492.5							

TABLE III. USCGC CHASE, August-September, 1977.—Continued

MOCC STATION DATA

REFIG 31	8455	YEAR 1975	60TOP 04153	AIR TEMP 25.7	DIR HGT PER	WIND-01R 35	INST STO RECORDER	TEN SO 1307
CONSEC	0005	MONTH 05	SHIP E1	WET BULB 21.9	02 4 4	WIND-SPD 20	TRACE DIR 0	5 SQUARE 1
LAT 40 52.0N		DAY 04	DATA USE 1	BAROMETER 1018.6	SEA	WIND-FOR	DURATION 00.3	2 SQUARE 00
LONG 050 20.0W		MOOR 16.9	AREA 05	CLOUD T/A	CL/TR	WEATHER X1	DRIG A4 Q3209	1 SQUARE 00

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	SYNDPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SI03	PH
16.5	STO	00000	25.07	36.21	24.25	00.000	1536.3							
	005	00000	25.07	36.21	24.25		1536.3							
	STO	00010	25.04	36.22	24.27	00.037	1536.4							
	005	00010	25.04	36.22	24.27		1536.4							
	STO	00020	25.09	36.29	24.31	00.073	1536.8							
	005	00020	25.09	36.29	24.31		1536.8							
	STO	00030	25.08	36.29	24.31	00.110	1537.0							
	005	00030	25.08	36.29	24.31		1537.0							
	005	00041	25.07	36.31	24.33		1537.1							
	STO	00050	24.54	36.34	24.51	00.180	1536.1							
	005	00050	24.54	36.34	24.51		1536.1							
	STO	00075	22.28	36.50	25.30	00.257	1531.1							
	005	00075	22.28	36.50	25.30		1531.1							
	STO	00100	20.47	36.46	25.77	00.320	1526.8							
	005	00100	20.47	36.46	25.77		1526.8							
	STO	00125	19.24	36.46	26.05	00.373	1523.8							
	005	00125	19.24	36.46	26.09		1523.8							
	STO	00150	18.81	36.47	26.21	00.421	1523.0							
	005	00150	18.81	36.47	26.21		1523.0							
	STO	00200	18.48	36.45	26.28	00.513	1522.9							
	005	00200	18.48	36.45	26.28		1522.9							
	005	00230	16.58	36.15	26.51		1517.4							
	005	00240	16.75	36.20	26.51		1518.2							
	STO	00250	16.51	36.12	26.51	00.599	1517.5							
	005	00250	16.51	36.12	26.51		1517.5							
	005	00271	15.55	35.58	26.62		1514.8							
	005	00280	15.09	36.06	26.61		1516.1							
	STO	00300	15.36	36.02	26.65	00.676	1514.7							
	005	00300	15.36	36.02	26.69		1514.7							
	005	00310	14.43	35.88	26.75		1511.7							
	005	00320	14.70	35.96	26.80		1512.9							
	005	00350	14.34	35.86	26.81		1512.2							
	STO	00400	13.46	35.68	26.84	00.815	1505.8							
	005	00400	13.46	35.68	26.84		1509.8							
	005	00430	12.14	35.44	26.92		1505.6							
	005	00445	12.56	35.60	26.96		1507.4							
	STO	00500	11.48	35.43	27.04	00.939	1504.4							
	005	00500	11.48	35.43	27.04		1504.4							
	STO	00600	09.39	35.18	27.21	01.046	1498.2							
	005	00600	09.39	35.18	27.21		1496.2							
	STO	00700	07.54	35.04	27.39	01.136	1492.7							
	005	00700	07.54	35.04	27.39		1492.7							
	005	00770	06.83	35.06	27.51		1491.1							
	005	00780	06.64	35.08	27.52		1491.4							
	STO	00800	06.56	35.05	27.54	01.211	1490.6							
	005	00800	06.56	35.05	27.54		1490.6							
	005	00810	06.42	35.05	27.56		1490.2							
	005	00821	06.52	35.07	27.56		1490.8							
	005	00885	05.72	35.01	27.62		1488.6							
	STO	00900	05.78	35.04	27.63	01.274	1485.1							
	005	00900	05.78	35.04	27.63		1489.1							
	005	00910	05.54	35.01	27.64		1488.3							
	STO	01000	05.13	35.01	27.65	01.330	1488.1							
	005	01000	05.13	35.01	27.69		1488.1							
	005	01030	05.00	35.01	27.70		1488.1							
	005	01050	05.10	35.05	27.72		1488.8							
	005	01090	04.85	35.01	27.72		1488.4							
	STO	01100	04.90	35.03	27.73	01.382	1488.8							
	005	01100	04.90	35.03	27.73		1488.8							
	STO	01200	04.67	35.02	27.75	01.432	1489.5							
	005	01200	04.67	35.02	27.75		1489.5							
	005	01240	04.53	35.00	27.75		1489.6							
	005	01250	04.55	35.01	27.76		1489.9							
	STO	01300	04.43	35.00	27.76	01.480	1490.2							
	005	01300	04.43	35.00	27.76		1490.2							
	STO	01400	04.32	34.95	27.77	01.525	1491.4							
	005	01400	04.32	34.99	27.77		1491.4							
	STO	01500	04.16	34.95	27.78	01.577	1492.6							
	005	01500	04.16	34.95	27.78		1492.6							

TABLE IV. USCGC HAMILTON, November, 1977.

MODEC STATION DATA

ARCHIVE LISTING

REFID 31 2T03	YEAR 1975	BOTOP 02338	AIR TEMP 07.7	OIR HGT PER	WIND-OIR 16	INST NANSEN EAST	TEM SO 1306
CONSEC 0001	MONTH 11	SHIP MT	NET BULB 07.3	17 2 5	WIND-SPD 10	TRACE DIA	5 SQUARE 4
LAT 48 34 N	DAY 15	DATA USE 1	BARDMETER 1023.7	SEA	WIND-FOR	DURATION	2 SQUARE 84
LONG 045 40 W	HOUR 12.1	AREA 05	CLOUD T/A	CL/TR	WEATHER X0	ORIG A2 06201	1 SQUARE 85

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPHT	SNO VEL	OAYG	PD4	TCT P	A02	N03	S103	PH
	STO	00000	06.63	34.22	26.87	00.000	1476.6							
12.1	OBS	00000	06.63	34.217	26.87		1476.6							
	STO	00010	06.60	34.20	26.87	00.012	1476.6							
	STO	00020	06.56	34.19	26.87	00.024	1476.6							
12.1	OBS	00023	06.55	34.194	26.87		1476.6							
	STO	00030	06.51	34.20	26.88	00.036	1476.5							
12.1	OBS	00046	06.47	34.210	26.90		1476.4							
	STO	00050	05.92	34.25	26.99	00.059	1474.6							
12.1	OBS	00068	04.21	34.433	27.34		1468.1							
	STO	00073	03.83	34.32	27.44	00.080	1466.7							
12.1	OBS	00090	03.26	34.659	27.61		1466.7							
	STO	00100	03.30	34.68	27.63	00.094	1463.1							
	STO	00125	03.40	34.73	27.66	00.106	1466.0							
12.1	OBS	00134	03.45	34.750	27.66		1466.4							
	STO	00150	03.59	34.77	27.67	00.117	1467.3							
12.1	OBS	00162	03.76	34.803	27.68		1468.6							
	STO	00200	03.69	34.81	27.69	00.135	1468.6							
	STO	00250	03.33	34.84	27.72	00.160	1468.9							
12.1	OBS	00269	03.52	34.841	27.73		1469.0							
	STO	00300	03.51	34.85	27.74	00.180	1469.3							
12.1	OBS	T00356	03.50	34.851	27.74		1470.4							
	STO	00400	03.42	34.83	27.73	00.220	1470.8							
12.1	OBS	00446	03.35	34.821	27.73		1471.2							
	STO	00500	03.30	34.85	27.76	00.260	1471.9							
12.1	OBS	T00328	03.28	34.837	27.77		1472.3							
	STO	00600	03.28	34.85	27.76	00.300	1473.5							
12.1	OBS	T00667	03.27	34.848	27.76		1474.6							
	STO	00700	03.26											
	STO	00800	03.23											
12.1	OBS	T00609	03.23											
	STO	00900	03.23											
	STO	01000	03.26											
	STO	01100	03.32											
12.1	OBS	T01137	03.36											

REFID 31 2T03	YEAR 1973	BOTOP 01152	AIR TEMP 08.3	OIR HGT PER	WIND-OIR 16	INST NANSEN EAST	TEM SO 1306
CONSEC 0002	MONTH 11	SHIP MT	NET BULB 07.7	09 1 5	WIND-SPD 13	TRACE DIA	3 SQUARE 4
LAT 48 20 N	DAY 15	DATA USE 1	BARDMETER 1023.0	SEA	WIND-FOR	DURATION	2 SQUARE 84
LONG 045 30 W	HOUR 13.0	AREA 05	CLOUD T/A	CL/TR	WEATHER X0	ORIG A2 06202	1 SQUARE 83

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPHT	SNO VEL	OAYG	PD4	TCT P	A02	N03	S103	PH
	STO	00000	07.05	34.18	26.79	00.000	1478.2							
13.0	OBS	00000	07.05	34.183	26.79		1478.2							
	STO	00010	07.03	34.18	26.79	00.013	1478.3							
	STO	00020	07.01	34.18	26.80	00.025	1478.3							
13.0	OBS	00024	07.00	34.182	26.80		1478.4							
	STO	00030	06.89	34.19	26.82	00.038	1478.1							
13.0	OBS	00046	06.56	34.226	26.89		1477.2							
	STO	00050	06.29	34.25	26.95	00.062	1476.1							
13.0	OBS	00072	03.99	34.305	27.42		1467.3							
	STO	00075	03.87	34.53	27.44	00.084	1466.9							
13.0	OBS	00096	03.23	34.646	27.60		1464.8							
	STO	00100	03.25	34.66	27.61	00.098	1464.9							
	STO	00125	03.30	34.71	27.65	00.110	1465.5							
13.0	OBS	00145	03.34	34.742	27.67		1466.1							
	STO	00150	03.36	34.75	27.67	00.122	1466.3							
	STO	00200	03.53	34.80	27.70	00.143	1467.9							
13.0	OBS	T00203	03.33	34.805	27.70		1468.0							
	STO	00250	03.44	34.81	27.71	00.164	1468.4							
	STO	00300	03.38	34.81	27.72	00.184	1468.9							
13.0	OBS	T00356	03.38	34.815	27.72		1468.9							
	STO	00400	03.33	34.821	27.73	00.225	1470.3							
13.0	OBS	00446	03.33	34.82	27.73		1470.4							
	STO	00500	03.34	34.825	27.74	00.266	1472.0							
13.0	OBS	00550	03.33	34.83	27.74		1472.0							
	STO	00600	03.26	34.83	27.75	00.306	1473.4							
	STO	00700	03.28	34.84	27.75	00.347	1475.2							
13.0	OBS	00783	03.29	34.845	27.76		1476.6							
	STO	00800	03.29	34.85	27.76	00.386	1476.9							
	STO	00900	03.28	34.86	27.77	00.429	1478.5							
	STO	01000	03.26	34.86	27.78	00.465	1480.1							
13.0	OBS	T01017	03.25	34.879	27.79		1480.4							

TABLE IV. USCGC HAMILTON, November, 1977.—Continued

MOOC STATION DATA

REFID 31 2703	YEAR 1975	BOTOP 00828	AIR TEMP 09.4	OIR HGT PER	WIND-OIR 18	INST HANSEN CAST	TEN SO 1306
CONSEC 0003	MONTH 11	SHIP MT	WET BULB 08.8	18 1 5	WIND-SPO 07	TRACE OIR	5 SQUARE 4
LAT 48 00 N	DAY 15	DATA USE 1	BAROMETR 1022.4	SEA	WIND-FOR	DURATION	2 SQUARE 84
LONG 045 48 W	MOUR 17.3	AREA 05	CLOUD T/A	CL/TR	WEATHER KO	ORIG A2 06203	1 SQUARE 85

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNDPTH	SNO VEL	OXYG	PO4	TOT P	MO2	MO3	SIO3	PH
	STO	00000	07.35	33.72	26.39	00.000	1478.7							
17.3	OBS	00000	07.35	33.725	26.39		1478.7							
	STO	00010	07.27	33.76	26.43	00.016	1478.7							
	STO	00020	07.14	33.83	26.50	00.032	1478.4							
17.3	OBS	00021	07.12	33.838	26.51		1478.3							
	STO	00030	06.89	33.96	26.64	00.047	1477.7							
17.3	OBS	00042	06.63	34.073	26.76		1477.1							
	STO	00050	06.52	34.08	26.78	00.074	1476.8							
17.3	OBS	00062	06.35	34.137	26.85		1476.4							
	STO	00075	04.14	34.32	27.25	00.100	1467.8							
17.3	OBS	00083	03.18	34.408	27.42		1463.9							
	STO	00100	03.18	34.51	27.50	00.118	1464.4							
	STO	00125	03.21	34.62	27.55	00.132	1465.1							
17.3	OBS	00125	03.21	34.622	27.59		1465.1							
	STO	00130	03.28	34.69	27.64	00.145	1465.8							
17.3	OBS	T00171	03.35	34.741	27.67		1466.6							
	STO	00200	03.59	34.79	27.68	00.168	1468.1							
	STO	00230	03.78	34.84	27.71	00.185	1469.9							
17.3	OBS	00256	03.79	34.848	27.71		1470.0							
	STO	00300	03.56	34.84	27.73	00.210	1469.8							
17.3	OBS	T00342	03.45	34.840	27.74		1470.0							
	STO	00400	03.43	34.84	27.74	00.250	1470.8							
17.3	OBS	00433	03.41	34.845	27.74		1471.3							
	STO	00500	03.34	34.85	27.76	00.290	1472.1							
17.3	OBS	00521	03.33	34.856	27.76		1472.4							
	STO	00600	03.32	34.86	27.76	00.325	1473.7							
17.3	OBS	T00668	03.32	34.855	27.76		1474.8							

REFID 31 2703	YEAR 1975	BOTOP 00823	AIR TEMP 10.0	OIR HGT PER	WIND-OIR 12	INST HANSEN CAST	TEN SO 1306
CONSEC 0004	MONTH 11	SHIP MT	WET BULB 09.4	12 1 2	WIND-SPO 13	TRACE OIR	5 SQUARE 4
LAT 47 00 N	DAY 16	DATA USE 1	BAROMETR 1016.3	SEA	WIND-FOR	DURATION	2 SQUARE 66
LONG 046 31 W	MOUR 08.0	AREA 05	CLOUD T/A X/B	CL/TR	WEATHER X2	ORIG A2 06204	1 SQUARE 76

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNDPTH	SNO VEL	OXYG	PO4	TOT P	MO2	MO3	SIO3	PH
	STO	00000	07.38	33.61	26.29	00.000	1478.7							
08.0	OBS	00000	07.38	33.605	26.29		1478.7							
	STO	00010	07.34	33.61	26.30	00.017	1478.7							
	STO	00020	07.27	33.62	26.32	00.035	1478.6							
08.0	OBS	00024	07.23	33.621	26.32		1478.5							
	STO	00030	07.14	33.69	26.39	00.051	1478.4							
08.0	OBS	00048	06.88	33.906	26.60		1477.9							
	STO	00050	06.54	33.94	26.67	00.082	1476.6							
08.0	OBS	00072	03.85	34.262	27.24		1466.4							
	STO	00075	03.74	34.29	27.27	00.109	1466.1							
08.0	OBS	00097	03.21	34.494	27.48		1464.4							
	STO	00100	03.23	34.51	27.48	00.127	1464.6							
	STO	00125	03.38	34.82	27.57	00.142	1465.8							
08.0	OBS	00145	03.51	34.714	27.63		1466.6							
	STO	00150	03.69	34.75	27.64	00.154	1467.7							
08.0	OBS	T00199	04.94	34.968	27.68		1474.0							
	STO	00200	04.94	34.97	27.68	00.177	1474.0							
	STO	00250	04.71	34.94	27.69	00.200	1473.5							
08.0	OBS	00296	04.46	34.924	27.70		1473.6							
	STO	00300	04.42	34.92	27.70	00.222	1473.5							
08.0	OBS	T00392	03.75	34.850	27.74		1472.3							
	STO	00400	03.78	34.89	27.74	00.264	1472.4							
08.0	OBS	00454	03.65	34.887	27.75		1473.5							
	STO	00500	03.68	34.89	27.75	00.304	1473.6							
08.0	OBS	T00591	03.56	34.885	27.76		1474.6							

TABLE IV. USCGC HAMILTON, November, 1977.—Continued

NOOC STATION DATA

REFID 31 2703	YEAR 1975	BOTOP 01152	AIR TEMP 05.4	OIR MGT PER	WIND-DIR 10	INST NANSEN CAST	TEN SG 1306
CONSEC 0005	MONTH 11	SHP MT	WET BULB 06.8	14 0 2	WIND-SPD 13	TRACE DIR	5 SQUARE 4
LAT 47 00 N	DAY 16	DATA USE 1	BAROMETR 1015.6	SEA	WIND-FDR	DURATION	2 SQUARE 66
LONG 046 47 W	MOUR 10.1	AREA 05	CLOUD T/A 7/8	CL/TR	WEATHER A2	ORIG A2 06205	1 SQUARE 76

CASTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	DRYG	PO4	TOT P	NO2	NO3	SIO3	PH
10.1	STO	00000	06.67	34.17	26.83	00.000	1476.7							
	DBS	00000	06.67	34.167	26.83		1476.7							
	STO	00010	06.57	34.19	26.86	00.012	1476.5							
	STO	00020	06.48	34.21	26.89	00.024	1476.3							
10.1	DBS	00025	06.43	34.212	26.90		1476.2							
	STO	00030	06.40	34.21	26.90	00.036	1476.1							
	STO	00050	06.22	34.21	26.92	00.059	1475.7							
10.1	DBS	00050	06.22	34.211	26.92		1475.7							
	STO	00075	05.85	34.26	27.01	00.087	1474.7							
10.1	DBS	00075	05.85	34.260	27.01		1474.7							
	STO	00100	03.12	34.56	27.55	00.107	1464.2							
10.1	DBS	00100	03.12	34.561	27.55		1464.2							
	STO	00125	03.22	34.65	27.60	00.120	1465.1							
	STO	00150	03.31	34.71	27.65	00.132	1466.0							
10.1	DBS	00150	03.31	34.711	27.65		1466.0							
	STO	00200	03.49	34.78	27.68	00.155	1467.7							
10.1	DBS	T00205	03.50	34.781	27.68		1467.8							
	STO	00250	03.50	34.80	27.70	00.177	1468.6							
	STO	00300	03.49	34.81	27.71	00.198	1469.4							
10.1	DBS	00305	03.49	34.812	27.71		1469.5							
	STO	00400	03.40	34.82	27.73	00.239	1470.7							
10.1	DBS	T00405	03.40	34.821	27.73		1470.8							
	STO	00500	03.39	34.83	27.73	00.281	1472.3							
10.1	DBS	00510	03.39	34.831	27.73		1472.5							
	STO	00600	03.33	34.83	27.74	00.322	1473.7							
10.1	DBS	T00610	03.33	34.827	27.74		1473.9							
	STO	00700	03.33	34.84	27.74	00.364	1475.3							
	STO	00800	03.32	34.84	27.75	00.406	1477.0							
10.1	DBS	00810	03.32	34.841	27.75		1477.2							
	STO	00900	03.26	34.84	27.75	00.448	1478.5							
	STO	01000	03.25	34.84	27.75	00.491	1480.0							
10.1	DBS	T01015	03.24											
	STO	01100	03.27	34.83	27.75	00.535	1481.8							
10.1	DBS	T01125	03.29	34.832	27.75		1482.3							

REFID 31 2703	YEAR 1975	BOTOP 01079	AIR TEMP 09.4	OIR MGT PER	WIND-DIR 11	INST NANSEN CAST	TEN SG 1306
CONSEC 0306	MONTH 11	SHP MT	WET BULB 08.9	11 1 5	WIND-SPD 07	TRACE DIR	5 SQUARE 4
LAT 47 00 N	DAY 16	DATA USE 1	BAROMETR 1015.6	SEA	WIND-FDR	DURATION	2 SQUARE 66
LONG 046 59 W	MOUR 12.0	AREA 05	CLOUD T/A 7/8	CL/TR	WEATHER A6	ORIG A2 06206	1 SQUARE 76

CASTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	DRYG	PO4	TOT P	NO2	NO3	SIO3	PH
12.0	STO	00000	05.79	33.56	26.78	00.000	1472.9							
	DBS	00000	05.79	33.561	26.78		1472.9							
	STO	00010	05.74	34.05	26.86	00.012	1473.0							
	STO	00020	05.69	34.12	26.92	00.024	1473.0							
12.0	DBS	00025	05.66	34.142	26.94		1473.0							
	STO	00030	05.63	34.14	26.94	00.035	1472.9							
12.0	DBS	T0049	05.50	34.153	26.97		1472.7							
	STO	00050	05.33	34.16	26.99	00.058	1472.1							
12.0	DBS	00074	02.69	34.297	27.37		1461.5							
	STO	00075	02.69	34.31	27.39	00.080	1461.6							
12.0	DBS	00096	02.70	34.618	27.63		1462.4							
	STO	00100	02.73	34.62	27.63	00.095	1462.6							
	STO	00125	03.06	34.65	27.62	00.107	1464.4							
12.0	DBS	00147	03.31	34.676	27.62		1465.9							
	STO	00150	03.35	34.68	27.62	00.119	1466.1							
	STO	00200	03.75	34.76	27.66	00.143	1469.0							
12.0	DBS	T00201	03.60	34.784	27.66		1469.0							
	STO	00250	03.75	34.80	27.67	00.166	1469.6							
	STO	00300	03.70	34.81	27.69	00.186	1470.3							
12.0	DBS	00300	03.70											
12.0	DBS	T00398	03.64	34.826	27.71		1471.7							
	STO	00400	03.64											
	STO	00500	03.53											
12.0	DBS	00501	03.53											
12.0	DBS	T00599	03.42	34.850	27.75		1474.1							
	STO	00600	03.42	34.85	27.75		1474.1							
	STO	00700	03.38	34.86	27.75		1475.6							
12.0	DBS	00795	03.34	34.839	27.75		1477.0							
	STO	00800	03.34	34.84	27.75		1477.1							
	STO	00900	03.31	34.84	27.75		1478.6							
	STO	C1000	03.28	34.84	27.76		1480.6							
12.0	DBS	T01002	03.28	34.844	27.76		1480.2							

TABLE IV. USCGC HAMILTON, November, 1977.—Continued

MOOC STATION DATA

REFID 31 2703	YEAR 1975	BOTOP 00454	AIR TEMP 07.7	OIR HGT PER	WIND-OIR 11	INST MANSEN CAST	TEM SO 1306
CONSEC 0007	MONTH 11	SHIP HT	WET BULB 07.7	12 D A	WIND-SPO 06	TRACE OIR	5 SQUARE 4
LA° 47 00 N	DAY 16	DATA USE 1	BAROMETR 1014.2	SEA	WIND-FOR	DURATION	2 SQUARE 66
LONG 047 16 W	MOUR 13.9	AREA 05	CLOUD T/A 8/9	CL/TR	WEATHER X4	DRIG A2 06207	1 SQUARE 77

CASSTNUM/TIME	LYLTYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	DRYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STO	00000	02.55	33.63	26.87	00.000	1457.9							
13.9	OBS	00000	02.35	33.625	26.87		1457.9							
	STO	00010	02.81	33.79	26.96	00.011	1460.3							
	STO	00020	03.19	33.51	27.02	00.022	1462.3							
13.9	OBS	00025	03.35	33.556	27.04		1463.1							
	STO	00030	03.77	33.98	27.02	00.033	1465.0							
13.9	OBS	00045	03.87	33.996	27.02		1465.8							
	STO	00050	03.66	33.98	27.03	00.054	1464.9							
13.9	OBS	00073	00.59	33.824	27.15		1451.6							
	STO	00075	00.64	33.85	27.17	00.078	1451.6							
13.9	OBS	00098	01.10	34.136	27.37		1454.7							
	STO	00100	01.12	34.14	27.37	00.098	1454.8							
	STO	00125	01.42	34.25	27.42	00.116	1456.7							
13.9	OBS	00147	01.76	34.301	27.45		1456.7							
	STO	00150	01.84	34.31	27.46	00.132	1459.1							
	STO	00200	02.84	34.49	27.51	00.163	1464.5							
13.9	OBS	T00201	02.85											
	STO	00250	03.08	34.62	27.55	00.191	1466.5							
13.9	OBS	00299	03.21	34.694	27.64		1468.0							
	STO	00300	03.21	34.65	27.64	00.216	1468.0							
13.9	OBS	T00398	03.20	34.707	27.65		1465.6							
	STO	00400	03.20	34.71	27.65	00.264	1469.7							
13.9	OBS	T00442	03.30	34.695	27.64		1470.8							

REFID 31 2703	YEAR 1975	BOTOP 00218	AIR TEMP 07.2	OIR HGT PER	WIND-OIR 06	INST MANSEN CAST	TEM SO 1306
CONSEC 0008	MONTH 11	SHIP HT	WET BULB 07.2	12 D X	WIND-SPO 11	TRACE OIR	5 SQUARE 4
LA° 47 00 N	DAY 16	DATA USE 1	BAROMETR 1012.2	SEA	WIND-FOR	DURATION	2 SQUARE 66
LONG 047 27 W	MOUR 15.4	AREA 05	CLOUD T/A 8/9	CL/TR	WEATHER A4	DRIG A2 06208	1 SQUARE 77

CASSTNUM/TIME	LYLTYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	DRYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STO	00000	02.66	32.50	26.26	00.000	1458.3							
15.4	OBS	00000	02.66	32.895	26.26		1458.3							
	STO	00010	02.11	33.11	26.47	00.017	1456.3							
	STO	00020	01.71	33.28	26.64	00.032	1455.0							
15.4	OBS	00025	01.56	33.350	26.71		1454.5							
	STO	00030	01.42	33.40	26.76	00.045	1454.0							
	STO	00050	01.34	33.55	26.88	00.070	1454.2							
15.4	OBS	00050	01.34	33.554	26.88		1454.2							
	STO	00075	02.33	33.63	26.87	00.100	1455.1							
15.4	OBS	00075	02.33	33.630	26.87		1459.1							
	STO	00100	03.00	33.99	27.10	00.127	1462.9							
15.4	OBS	00100	03.00	33.988	27.10		1462.9							
	STO	00125	02.49	34.18	27.30	00.145	1461.4							
	STO	00150	00.81	34.22	27.45	00.167	1454.4							
15.4	OBS	00150	00.81	34.217	27.45		1454.4							

TABLE IV. USCGC HAMILTON, November, 1977.—Continued

M D O C S T A T I D A O A T 4

REFID 51 2701	YEAR 1975	BDTOP 00175	AIR TEMP 06.7	OIR MGT PER	WIND-OIR 09	INST HANSEN CAST	TEN SO 1306
CONSEC 0008	MONTH 11	SHIP HT	WET BULB 06.7	12 0 X	WIND-SPD 16	TRACE OIR	5 SQUARE 4
LAT 47 00 N	DAY 16	DATA USE 1	BAROMETR 1009.5	SEA	WIND-FOR	DURATION	2 SQUARE 66
LONG 047 34 W	MOOR 17.0	AREA 05	CLOUD T/A X/9	CL/TR	WEATHER A4	DRIG A2 06209	1 SQUARE 77

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYNDPTH	SND VEL	OXYG	PD4	TOT P	MO2	MO3	SID3	PH
	STD	00000	02.55	32.93	26.30	00.000	1457.8							
17.0	OBS	00000	02.55	32.935	26.30		1457.6							
	STO	00010	02.47	32.95	26.31	00.017	1457.7							
	STO	00020	02.39	32.96	26.33	00.034	1457.5							
17.0	OBS	00025	02.35	32.963	26.34		1457.4							
	STO	00030	02.31	33.05	26.44	00.051	1457.5							
	STO	00050	02.17	33.41	26.71	00.080	1457.7							
17.0	OBS	00050	02.17	33.410	26.71		1457.7							
	STO	00075	01.59	33.44	26.75	00.114	1457.3							
17.0	OBS	00075	01.99	33.442	26.75		1457.3							
	STO	00100	01.73	33.56	26.86	00.145	1456.7							
17.0	OBS	00100	01.73	33.562	26.86		1456.7							

REFID 31 2703	YEAR 1975	BDTOP 00146	AIR TEMP 06.7	DIR MGT PER	WIND-DIR 10	INST HANSEN CAST	TEN SO 1306
CONSEC 0010	MONTH 11	SHIP HT	WET BULB 06.7	12 0 2	WIND-SPD 16	TRACE OIR	5 SQUARE 4
LAT 47 00 N	DAY 16	DATA USE 1	BAROMETR 1041.0	SEA	WIND-FOR	DURATION	2 SQUARE 68
LONG 048 03 W	MOOR 16.7	AREA 05	CLOUD T/A X/9	CL/TR	WEATHER A4	DRIG 62 06210	1 SQUARE 78

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYNDPTH	SND VEL	OXYG	PD4	TOT P	MO2	MO3	SID3	PH
	STD	00000	02.56	32.55	26.31	00.000	1457.9							
18.7	OBS	00000	02.56	32.951	26.31		1457.9							
	STO	00010	02.47	32.98	26.34	00.017	1457.7							
	STO	00020	02.38	33.01	26.37	00.034	1457.5							
18.7	OBS	00025	02.33	33.027	26.39		1457.4							
	STO	00030	02.00	33.25	26.55	00.050	1456.0							
	STO	00050	02.00	33.80	26.58	00.076	1460.4							
18.7	OBS	00050	02.18	33.800	26.98		1460.4							
	STO	00075	00.48	33.71	27.06	00.102	1450.5							
18.7	OBS	00075	00.46	33.713	27.06		1450.9							
	STO	00100	- 0.18	33.40	27.25	00.125	1448.6							
18.7	OBS	00100	- 0.16	33.905	27.23		1448.6							
18.7	OBS	00120	00.06	33.901	27.24		1450.1							

TABLE IV. USCGC HAMILTON, November, 1977.—Continued

MOOC STATION DATA

REFID 31 2704	YEAR 1975	BOTOP 04685	AIR TEMP 15.6	OIR HGT PER	WIND-OIR 14	INST NANSEN CAST	TEN 50 1306
CONSEC 0001	MONTH 11	SHIP MT	WET BULB 15.0	18 0 X	WIND-SPD 03	TRACE DIA	5 SQUARE 1
LAT 43 11 N	DAY 17	DATA USE 1	BAROMETER 1004.4	SEA	WIND-FOR	DURATION	2 SQUARE 20
LONG 041 28 W	MOOR 22.2	AREA 05	CLOUD T/4 8/2	CL/TR	WEATHER X1	ORIG A3 06501	1 SQUARE 31

CASSTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	CYNOPHT	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STO	00000	17.38	35.57	25.87	00.000	1515.4							
22.2	OBS	00000	17.38	35.566	25.87		1515.4							
	STO	00010	16.52	35.46	25.90	00.021	1514.0							
	STO	00020	16.52	35.38	25.93	00.042	1512.9							
	STO	00030	16.20	35.32	25.97	00.063	1512.0							
22.2	OBS	00034	16.09	35.305	25.98		1511.7							
	STO	00050	15.96	35.40	26.08	00.103	1511.7							
	STO	00075	15.84	35.51	26.20	00.151	1511.9							
22.2	OBS	00097	15.84	35.594	26.26		1512.3							
	STO	00100	15.86	35.60	26.26	00.196	1512.4							
	STO	00125	15.57	35.66	26.28	00.241	1513.3							
22.2	OBS	00126	15.57	35.666	26.28		1513.3							
	STO	00150	15.57	35.67	26.29	00.286	1513.7							
22.2	OBS	00188	15.57	35.672	26.29		1514.3							
	STO	00200	15.44	35.67	26.41	00.373	1512.9							
	STO	00250	13.64	35.67	26.80	00.448	1507.9							
22.2	OBS	T00251	13.61	35.667	26.80		1507.8							
	STO	00300	12.99	35.64	26.91	00.513	1506.5							
22.2	OBS	00376	12.01	35.585	27.04		1504.4							
	STO	00400	11.75	35.52	27.06	00.630	1503.8							
	STO	00500	10.40	35.33	27.16	00.737	1500.5							
22.2	OBS	T00502	10.37	35.331	27.16		1500.4							
	STO	00600	08.57	35.14	27.32	00.832	1455.1							
22.2	OBS	00633	07.97	35.084	27.36		1453.3							
	STO	00700	06.75	34.98	27.46	00.913	1489.6							
22.2	OBS	T00760	05.67	34.912	27.55		1486.2							

REFID 31 2704	YEAR 1975	BOTOP 04642	AIR TEMP 15.6	OIR HGT PER	WIND-OIR 22	INST NANSEN CAST	TEN 50 1306
CONSEC 0002	MONTH 11	SHIP MT	WET BULB 15.0	09 1 6	WIND-SPD 08	TRACE DIA	5 SQUARE 1
LAT 43 15 N	DAY 18	DATA USE 1	BAROMETER 1005.8	SEA	WIND-FOR	DURATION	2 SQUARE 20
LONG 041 54 W	MOOR 05.7	AREA 05	CLOUD T/4 8/3	CL/TR	WEATHER X1	ORIG A3 06502	1 SQUARE 31

CASSTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	CYNOPHT	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STO	00000	14.17	34.78	26.00	00.000	1504.5							
05.7	OBS	00000	14.17	34.776	26.00		1504.5							
	STO	00010	14.17	34.78	26.00	00.020	1504.6							
	STO	00020	14.18	34.80	26.02	00.040	1504.8							
05.7	OBS	00025	14.18	34.824	26.03		1505.0							
	STO	00030	14.20	34.50	26.09	00.060	1505.2							
	STO	00050	14.26	35.02	26.17	00.098	1505.9							
05.7	OBS	00050	14.26	35.023	26.17		1505.9							
	STO	00075	11.08	34.77	26.60	00.140	1455.2							
05.7	OBS	00075	11.08	34.772	26.60		1455.2							
	STO	00100	08.50	34.56	26.87	00.173	1485.5							
05.7	OBS	00100	08.50	34.562	26.87		1485.9							
	STO	00125	05.05	34.64	27.00	00.202	1488.7							
	STO	00150	05.06	34.97	27.10	00.228	1485.3							
05.7	OBS	00150	05.06	34.965	27.10		1485.3							
	STO	00200	07.35	34.78	27.22	00.275	1483.4							
05.7	OBS	T00205	07.22	34.766	27.22		1483.0							
	STO	00250	06.52	34.75	27.31	00.318	1480.5							
	STO	00300	06.04	34.73	27.36	00.358	1479.8							
05.7	OBS	00305	06.01	34.732	27.36		1479.8							
	STO	00400	06.09	34.93	27.50	00.426	1481.9							
05.7	OBS	T00405	06.09	34.932	27.51		1482.0							
	STO	00500	05.47	34.94	27.59	00.489	1481.1							
05.7	OBS	00510	05.42	34.942	27.60		1481.1							
	STO	00600	05.09	34.96	27.66	00.544	1481.2							
05.7	OBS	00610	05.06	34.964	27.66		1481.3							
	STO	00700	04.75	34.96	27.70	00.594	1481.5							
	STO	00800	04.51	34.56	27.72	00.642	1482.1							
05.7	OBS	00810	04.49	34.961	27.72		1482.2							
	STO	00900	04.45	34.57	27.74	00.685	1483.6							
	STO	01000	04.38	34.58	27.75	00.735	1485.0							
05.7	OBS	T01015	04.37	34.579	27.75		1485.2							
05.7	OBS	01525	03.78	34.933	27.78		1451.2							

TABLE IV. USCGC HAMILTON, November, 1977.—Continued

H D D C S T A T I O N D A T A

REFID 31 2704	YEAR 1975	BDTOP 04669	AIR TEMP 16.7	DIR MGT PER	WIND-DIR 23	INST NANSEN CAST	TEN SQ 1306
CONSEC 0003	MONTH 11	SHIP MT	WET BULB 15.6	08 4 3	WIND-SPD 08	TRACE DIR	5 SQUARE 1
LAT 43 21 N	DAY 18	DATA USE 1	BARCHMETR 1006.4	SEA	WIND-FDA	DURATION	2 SQUARE 22
LONG 042 28 W	MOOR 09.3	AREA 05	CLOUD T/A 8/8	CL/TR	WEATHER 81	DRIG A3 06503	1 SQUARE 32

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	ORYG	PD4	TCT P	NO2	NO3	S103	PH
	STO	00000	15.21	35.27	26.15	00.000	1508.4							
09.3	OBS	00000	15.21	35.272	26.15		1508.4							
	STO	00010	15.06	35.28	26.18	00.016	1508.1							
	STO	00020	15.01	35.28	26.18	00.037	1508.1							
09.3	OBS	00020	15.01	35.256	26.18		1508.1							
	STO	00030	15.42	35.43	26.22	00.055	1509.9							
09.3	OBS	00042		35.592										
	STO	00050	15.94	35.65	26.28	00.091	1511.9							
09.3	OBS	00065	15.95	35.715	26.33		1512.3							
	STO	00075	15.88	35.72	26.39	00.134	1511.6							
09.3	OBS	00088	15.37	35.723	26.46		1510.9							
	STO	00100	15.22	35.73	26.51	00.175	1510.6							
	STO	00125	14.91	35.76	26.59	00.213	1510.1							
	STO	00150	14.61	35.78	26.68	00.245	1509.8							
09.3	OBS	T00183	14.20	35.811	26.79		1508.8							
	STO	00200	13.21	35.63	26.88	00.318	1505.6							
	STO	00250	10.80	35.23	27.01	00.376	1497.7							
09.3	OBS	00270	10.05	35.118	27.05		1495.1							
	STO	00300	09.30	35.06	27.14	00.425	1492.8							
09.3	OBS	T00362	08.17	35.006	27.27		1489.5							
	STO	00400	07.75	35.02	27.35	00.518	1488.5							
09.3	OBS	00433	07.30	35.043	27.40		1488.5							

REFID 31 2704	YEAR 1975	BDTOP 04316	AIR TEMP 18.4	DIR MGT PER	WIND-DIR 21	INST NANSEN CAST	TEN SQ 1306
CONSEC 0004	MONTH 11	SHIP MT	WET BULB 16.7	25 2 3	WIND-SPD 16	TRACE DIR	5 SQUARE 1
LAT 43 37 N	DAY 18	DATA USE 1	BARCHMETR 1003.7	SEA	WIND-FDA	DURATION	2 SQUARE 22
LONG 043 40 W	MOOR 16.2	AREA 05	CLOUD T/A 8/8	CL/TR	WEATHER 86	DRIG A3 06504	1 SQUARE 33

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	ORYG	PD4	TCT P	NO2	NO3	S103	PH
	STO	00000	17.77	36.17	26.24	00.000	1517.2							
16.2	OBS	00000	17.77	36.171	26.24		1517.2							
	STO	00010	17.75	36.17	26.25	00.018	1517.3							
	STO	00020	17.74	36.18	26.25	00.036	1517.5							
16.2	OBS	00025	17.73	36.178	26.26		1517.5							
	STO	00030	17.75	36.18	26.26	00.053	1517.7							
16.2	OBS	00049	17.81	36.207	26.26		1518.2							
	STO	00050	17.81	36.21	26.26	00.089	1518.2							
16.2	OBS	00074	17.88	36.245	26.27		1518.9							
	STO	00075	17.88	36.25	26.27	00.134	1518.9							
16.2	OBS	00099	17.86	36.255	26.28		1519.2							
	STO	00100	17.84	36.26	26.29	00.178	1519.2							
	STO	00125	17.36	36.26	26.41	00.221	1518.2							
16.2	OBS	00149	16.91	36.242	26.52		1517.2							
	STO	00150	16.89	36.26	26.52	00.262	1517.2							
	STO	00200	16.03	36.13	26.63	00.338	1515.2							
16.2	OBS	T00203	15.58	36.121	26.63		1515.1							
	STO	00250	15.47	36.06	26.70	00.411	1514.3							
	STO	00300	14.80	35.97	26.78	00.481	1512.9							
16.2	OBS	00303	14.76	35.963	26.78		1512.8							
	STO	00400	13.12	35.71	26.93	00.611	1508.7							
16.2	OBS	T00402	13.05	35.702	26.94		1508.6							
	STO	00500	11.85	35.52	27.04	00.731	1505.8							
16.2	OBS	00507	11.72	35.498	27.05		1505.5							
	STO	00600	09.41	35.21	27.23	00.838	1498.4							
16.2	OBS	00606	09.27	35.193	27.24		1497.9							
	STO	00700	06.67	34.88	27.39	00.926	1489.1							
	STO	00800	04.88	34.72	27.49	01.001	1483.4							
16.2	OBS	00803	04.82	34.712	27.49		1483.2							
	STO	00900	04.60	34.81	27.59	01.066	1484.0							
	STO	01000	04.40	34.89	27.68	01.123	1484.9							
16.2	OBS	T01009	04.38	34.895	27.69		1485.0							
16.2	OBS	T01316	03.69	34.925	27.76		1481.5							
	STO	01750	03.86	34.94	27.77		1493.3							
18.3	OBS	T01949	03.80	34.950	27.79		1498.5							
	STO	02000	03.78	34.95	27.79		1499.2							
18.3	OBS	02458	03.52	34.967	27.83		1506.0							
	STO	02500	03.49	34.97	27.83		1506.6							
18.3	OBS	02562	03.17	34.935	27.85		1513.2							
	STO	03000	03.14	34.95	27.86		1513.7							
18.3	OBS	T03471	02.78	34.946	27.88		1520.4							
18.3	OBS	T03915	02.49	34.930	27.90		1526.9							

TABLE IV. USCGC HAMILTON, November, 1977.—Continued

MOOC STATION DATA

REFID 31 2704	YEAR 1975	BOTOP 04654	AIR TEMP 18.4	DIR HGT PER	WIND-DIR 17	INST HANSEN CAST	TEN SO 1306
CONSEC 0005	MONTH 11	SHIP MT	WET BULB 17.6	30 2 4	WIND-SPO 12	TRACE DIR	5 SQUARE 1
LAT 43 50 N	DAY 18	DATA USE 1	BAROMETER 1000.3	SEA	WIND-FOR	DURATION	2 SQUARE 24
LONG 044 30 W	MOOR 23.2	AREA 05	CLOUD T/A X/7	CL/TR	WEATHER A2	ORIG A3 06505	1 SQUARE 34

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	PO4	TOT P	MO2	MO3	SIO3	PH
	STO	00000	18.00	36.22	26.22	00.000	1516.0							
23.2	OBS	00000	18.00	36.220	26.22		1516.0							
	STO	00010	18.00	36.22	26.22	00.016	1516.1							
	STO	00020	18.00	36.22	26.22	00.036	1516.3							
23.2	OBS	00025	18.00	36.215	26.22		1516.4							
	STO	00030	18.01	36.22	26.22	00.054	1516.5							
	STO	00050	18.02	36.22	26.22	00.091	1516.6							
23.2	OBS	00050	18.02	36.219	26.22		1516.8							
	STO	00075	18.01	36.34	26.31	00.135	1519.4							
23.2	OBS	00075	18.01	36.341	26.31		1519.4							
	STO	00100	17.53	36.36	26.45	00.178	1518.4							
23.2	OBS	00100	17.53	36.363	26.45		1516.4							
	STO	00125	17.16	36.32	26.51	00.216	1517.7							
	STO	00150	16.80	36.26	26.56	00.256	1517.0							
23.2	OBS	00150	16.80	36.280	26.56		1517.0							
	STO	00200	16.07	36.19	26.67	00.331	1515.5							
23.2	OBS	00205	16.00	36.186	26.68		1515.3							
	STO	00250	15.59	36.13	26.72	00.402	1514.7							
	STO	00300	15.05	36.04	26.76	00.472	1513.7							
23.2	OBS	00305	14.57	36.026	26.79		1513.6							
	STO	00400	13.54	35.78	26.91	00.604	1510.2							
23.2	OBS	T00405	13.46	35.773	26.91		1510.1							
	STO	00500	12.53	35.66	27.01	00.727	1508.3							
23.2	OBS	00510	12.38	35.633	27.02		1507.9							
	STO	00600	10.47	35.31	27.13	00.840	1502.3							
23.2	OBS	T00610	10.27	35.278	27.14		1501.7							
	STO	00700	08.60	35.18	27.34	00.938	1497.0							
	STO	00800	07.02	35.09	27.50	01.016	1492.4							
23.2	OBS	00810	06.66	35.079	27.52		1492.0							
	STO	00900	05.74	35.01	27.62	01.084	1488.9							
	STO	01000	04.73	34.95	27.69	01.140	1486.4							
23.2	OBS	T01015	04.60	34.947	27.70		1486.1							
23.2	OBS	01525	03.61	34.926	27.77		1461.3							

REFID 31 2704	YEAR 1975	BOTOP 04731	AIR TEMP 18.4	DIR HGT PER	WIND-DIR 16	INST HANSEN CAST	TEN SO 1306
CONSEC 0006	MONTH 11	SHIP MT	WET BULB 17.2	15 5 2	WIND-SPO 23	TRACE DIR	5 SQUARE 2
LAT 43 53 N	DAY 19	DATA USE 1	BAROMETER 0554.2	SEA	WIND-FOR	DURATION	2 SQUARE 24
LONG 045 06 W	MOOR 03.0	AREA 05	CLOUD T/A A/0	CL/TR	WEATHER A2	ORIG A3 06506	1 SQUARE 35

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	PO4	TOT P	MO2	MO3	SIO3	PH
	STO	00000	17.61	36.08	26.16	00.000	1517.2							
03.0	OBS	00000	17.61	36.076	26.16		1517.2							
	STO	00010	17.62	36.11	26.18	00.015	1517.5							
	STO	00020	17.64	36.13	26.20	00.037	1517.7							
03.0	OBS	00023	17.64	36.140	26.20		1517.6							
	STO	00030	17.65	36.16	26.21	00.055	1517.9							
03.0	OBS	00046	17.67	36.190	26.23		1518.3							
	STO	00050	17.67	36.19	26.24	00.062	1518.4							
03.0	OBS	00069	17.65	36.217	26.26		1518.6							
	STO	00075	17.63	36.23	26.27	00.137	1518.7							
03.0	OBS	00092	17.74	36.244	26.31		1518.7							
	STO	00100	17.59	36.23	26.33	00.161	1518.4							
	STO	00125	17.14	36.16	26.40	00.223	1517.4							
03.0	OBS	00136		36.165										
	STO	00150	16.69	36.16	26.50	00.264	1516.5							
03.0	OBS	T00166	16.01	36.134	26.63		1515.0							
	STO	00200	15.79	36.10	26.66	00.340	1514.5							
	STO	00250	14.85	35.97	26.76	00.411	1512.3							
03.0	OBS	00281	14.37	35.854	26.82		1511.1							
	STO	00300	14.05	35.84	26.85	00.476	1510.3							
03.0	OBS	00375	12.92	35.660	26.95		1507.6							
	STO	00400	12.77	35.67	26.96	00.603	1507.5							
03.0	OBS	00474	11.62	35.551	27.07		1505.3							
	STO	00500	11.12	35.44	27.11	00.716	1503.2							
03.0	OBS	T00569	09.47	35.206	27.22		1498.1							
	STO	00600	08.66	35.17	27.30	00.816	1496.3							
	STO	00700	07.15	35.09	27.49	00.897	1491.4							
03.0	OBS	T00761	06.40	35.056	27.57		1490.3							
	STO	00800	06.10	35.05	27.60	00.964	1488.7							
	STO	00900	05.41	35.03	27.67	01.022	1487.6							
03.0	OBS	T00961	05.05	35.014	27.70		1487.1							
03.0	OBS	T01462	03.57	34.948	27.77		1490.9							

TABLE IV. USCGC HAMILTON, November, 1977.—Continued

MOOC STATION DATA

REFID 31 2704	YEAR 1975	BOTOP 04083	AIR TEMP 15.6	OIR MGT PER	WIND-OIR 35	INST HANSEN CAST	TEN SO 1306
CONSEC 0007	MONTH 11	SHIP HT	WET BULB 15.0	15 2 6	WIND-SPO 12	TRACE OIR	5 SQUARE 2
LAT 44 01 N	DAY 19	DATA USE 1	BAROMETER 0988.2	SEA	WIND-FOR	DURATION	2 SQUARE 44
LONG 045 45 W	MOOR 06.8	AREA 05	CLOUD T/A A/B	CL/T/A	WEATHER A2	DRIG A3 06507	1 SQUARE 45

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SNO VEL	OATG	PO4	TCT P	NO2	NO3	SIO3	PH
	STO	00000	16.74	35.42	25.51	00.000	1513.3							
06.8	OBS	00030	16.74	35.41E	25.51		1513.3							
	STO	00010	17.23	35.67	25.55	00.021	1515.2							
	STO	00020	17.60	35.87	26.05	00.041	1516.7							
06.8	OBS	00024	17.71	35.932	26.07		1517.2							
	STO	00030	17.79	36.01	26.11	00.060	1517.6							
06.8	OBS	00049	17.94	36.175	26.20		1518.5							
	STO	00050	17.94	36.18	26.21	00.098	1518.5							
06.8	OBS	00074	17.92	36.233	26.25		1519.0							
	STO	00075	17.92	36.23	26.25	00.143	1519.0							
06.8	OBS	00058	17.88	36.243	26.27		1519.2							
	STO	00100	17.83	36.23	26.28	00.188	1519.1							
	STO	00125	17.26	36.23	26.43	00.231	1517.9							
06.8	OBS	00147	16.75	36.253	26.55		1516.7							
	STO	00150	16.68	36.24	26.56	00.271	1516.6							
	STO	00200	15.34	36.10	26.72	00.344	1513.7							
06.8	OBS	T00201	15.32	36.058	26.72		1513.7							
	STO	00250	14.39	35.91	26.83	00.412	1510.7							
	STO	00300	13.49	35.75	26.89	00.476	1508.4							
06.8	OBS	00300	13.49	35.755	26.89		1508.4							
06.8	OBS	T00398	12.45											
	STO	00400	12.43											
	STO	00500	10.92											
06.8	OBS	00501	10.90	35.424	27.14		1502.4							
	STO	00600	08.24	35.12	27.35		1493.9							
06.8	OBS	T00600	08.24	35.119	27.35		1493.9							
	STO	00700	06.66	35.08	27.52		1450.1							
06.8	OBS	00796	05.66	35.05c	27.64		1487.7							
	STO	00800	05.64	35.06	27.64		1487.7							
	STO	00900	05.28	35.04	27.65		1487.1							
06.8	OBS	T00956	04.62	35.020	27.73		1486.6							
06.8	OBS	01459	03.7c	34.930	27.78		1490.7							

REFID 31 2704	YEAR 1975	BOTOP 04032	AIR TEMP 07.7	OIR MGT PER	WIND-OIR 32	INST HANSEN CAST	TEN SO 1306
CONSEC 0008	MONTH 11	SHIP HT	WET BULB 07.3	31 5 2	WIND-SPO 29	TRACE OIR	5 SQUARE 2
LAT 44 12 N	DAY 19	DATA USE 1	BAROMETER 0990.2	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 046 17 W	MOOR 11.9	AREA 05	CLOUD T/A 6/8	CL/T/A	WEATHER A8	DRIG A3 06508	1 SQUARE 46

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SNO VEL	OATG	PO4	TOT P	NO2	NO3	SIO3	PH
	STO	00000	13.50	34.14	25.65	00.000	1501.5							
11.9	OBS	00000	13.50	34.144	25.65		1501.5							
	STO	00010	13.81	34.27	25.69	00.023	1502.8							
	STO	00020	14.15	34.40	25.72	00.04c	1504.2							
	STO	00030	14.52	34.54	25.74	00.069	1505.8							
11.9	OBS	00044	15.09	34.718	25.75		1506.0							
	STO	00050	15.49	35.06	25.92	00.113	1505.8							
	STO	00075	16.66	36.12	26.47	00.159	1515.1							
11.9	OBS	T00078	16.74	36.214	26.52		1515.5							
	STO	00100	16.29	36.17	26.60	00.198	1514.5							
	STO	00125	15.72	36.11	26.68	00.234	1513.0							
	STO	00150	15.08	36.02	26.76	00.268	1511.3							
11.9	OBS	00151	15.05	36.017	26.76		1511.3							
	STO	00200	13.43	35.73	26.88	00.332	1506.5							
11.9	OBS	T00223	12.84	35.633	26.93		1504.6							
	STO	00250	12.46	35.61	26.99	00.352	1503.5							
11.9	OBS	00259	11.68	35.531	27.08		1501.9							
	STO	00300	11.66	35.53	27.08	00.447	1501.9							
11.9	OBS	T00363	10.47	35.364	27.17		1458.5							
	STO	00400	09.91	35.31	27.23	00.547	1457.0							
11.9	OBS	00483	08.12	35.142	27.39		1451.5							
	STO	00500	07.48	35.07	27.43	00.631	1485.2							
11.9	OBS	00582	05.14	34.844	27.56		1481.0							
	STO	00600	05.10	34.86	27.57	00.658	1481.1							
	STO	00700	04.85	34.94	27.66	00.754	1481.5							
11.9	OBS	T00760	04.66	35.003	27.74		1482.5							

TABLE IV. USCGC HAMILTON, November, 1977.—Continued

NOOC STATION DATA

REFID 31 2704	YEAR 1975	BDTOP 03552	AIR TEMP 05.6	OIR MGT PER	WIND-OIR 32	INST MANSEN CAST	TEN SO 1306
CONSEC 0009	MONTH 11	SHIP HT	WET BULB 03.8	31 5 2	WIND-SPD 25	TRACE OIR	5 SQUARE 2
LAT 44 15 N	DAY 19	DATA USE 1	BAROMETR 0991.2	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 047 12 W	MOOR 16.0	AREA 05	CLOUD 7/4 0/7	CL/TR	WEATHER A1	GRIG A3 06509	1 SQUARE 47

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	OXYG	PQ4	TOT P	NO2	NO3	SIQ3	PH
14.8	STO	00000	05.85	33.62	25.92	00.000	1488.1							
	OBS	00000	05.85	33.619	25.92		1488.1							
	STO	00010	10.13	33.64	25.89	00.021	1489.3							
	STO	00020	10.35	33.70	25.50	00.042	1450.3							
14.8	OBS	00028	10.50	33.785	25.94		1491.1							
	STO	00030	10.53	33.80	25.95	00.063	1491.3							
	STO	00050	10.74	34.18	26.21	00.102	1452.8							
14.8	OBS	00051	10.75	34.216	26.23		1492.9							
	STO	00075	10.38	35.49	27.26	00.135	1453.6							
14.8	OBS	00079		35.568										
	STO	00100	10.00	35.35	27.23	00.157	1452.5							
14.8	OBS	00102		35.311										
	STO	00125	09.65	35.24	27.22	00.179	1491.4							
	STO	00150	09.26	35.16	27.22	00.201	1450.4							
14.8	OBS	00153	09.22	34.97 F	27.060									
	STO	00200	08.55	35.05	27.23	00.245	1488.3							
14.8	OBS	T00205	08.50	35.025	27.24		1488.2							
	STO	00250	07.14	34.50	27.34	00.287	1483.6							
	STO	00300	06.03	34.03	27.44	00.324	1479.9							
14.8	OBS	00305	05.94	34.028	27.45		1479.6							
	STO	00400	04.90	34.06	27.62	00.385	1477.0							
14.8	OBS	T00407	04.86	34.888	27.62		1477.0							
	STO	00500	04.99	34.98	27.68	00.435	1479.2							
14.8	OBS	00509	05.00	34.587	27.69		1479.4							
	STO	00600	04.70	34.99	27.72	00.482	1479.7							
14.8	OBS	T00610	04.67	34.585	27.73		1479.7							
	STO	00700	04.50	34.97	27.73	00.527	1480.5							
	STO	00800	04.31	34.96	27.74	00.572	1481.3							
14.8	OBS	T00818	04.27	34.554	27.74		1481.4							
	STO	00900	04.06	34.94	27.75	00.616	1482.0							
	STO	01000	03.88	34.92	27.76	00.661	1482.8							
14.8	OBS	T01021	03.85	34.515	27.76		1483.0							
	STO	01100	03.74	34.52	27.77	00.705	1483.9							
	STO	01200	03.65	34.92	27.78	00.748	1485.2							
	STO	01300	03.60	34.92	27.79	00.791	1486.7							
14.8	OBS	01345	03.60	34.925	27.75		1487.4							

REFID 31 2704	YEAR 1975	BDTOP 03770	AIR TEMP 05.0	OIR MGT PER	WIND-OIR 30	INST MANSEN CAST	TEN SO 1306
CONSEC 0310	MONTH 11	SHIP HT	WET BULB 03.8	30 3 5	WIND-SPD 12	TRACE OIR	5 SQUARE 2
LAT 44 19 N	DAY 19	DATA USE 1	BAROMETR 0992.9	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 047 31 W	MOOR 15.3	AREA 05	CLOUD 7/4 0/6	CL/TR	WEATHER A7	GRIG A3 06510	1 SQUARE 47

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	OXYG	PQ4	TOT P	NO2	NO3	SIQ3	PH
19.3	STO	00000	07.38	33.48	26.19	00.000	1478.6							
	OBS	00003	07.38	33.484	26.19		1478.6							
	STO	00010	07.35	33.50	26.21	00.018	1478.6							
	STO	00020	07.31	33.53	26.24	00.036	1478.7							
19.3	OBS	00028	07.28	33.555	26.27		1478.7							
	STO	00050	07.15	33.56	26.29	00.054	1478.2							
	STO	00050	05.00	33.65	26.63	00.086	1470.0							
19.3	OBS	00054	04.47	33.678	26.69		1468.8							
	STO	00075	03.62	33.87	26.95	00.117	1465.0							
19.3	OBS	00084	03.34	33.975	27.06		1464.1							
	STO	00100	03.13	34.21	27.27	00.142	1463.7							
19.3	OBS	00108	03.04	34.308	27.35		1463.7							
	STO	00125	03.12	34.38	27.40	00.161	1464.3							
	STO	00150	03.21	34.50	27.49	00.177	1465.3							
19.3	OBS	00163	03.25	34.559	27.53		1465.8							
	STO	00200	04.35	34.76	27.58	00.206	1471.3							
19.3	OBS	T00218	04.68	34.024	27.59		1473.0							
	STO	00250	04.36	34.03	27.63	00.232	1472.2							
	STO	00300	04.01	34.04	27.66	00.255	1471.6							
19.3	OBS	00327	03.91	34.058	27.70		1471.7							
	STO	00400	04.04	34.92	27.74	00.298	1473.5							
19.3	OBS	T00435	04.06	34.933	27.75		1474.2							
	STO	00500	03.97	34.93	27.76	00.339	1474.9							
19.3	OBS	00544	03.91	34.950	27.76		1475.4							
	STO	00600	03.84	34.94	27.77	00.378	1476.0							
19.3	OBS	T00653	03.78	34.941	27.78		1476.6							
	STO	00700	03.73	34.94	27.78	00.417	1477.2							
	STO	00800	03.65	34.93	27.78	00.456	1478.5							
19.3	OBS	T00876	03.60	34.920	27.79		1479.6							
	STO	00900	03.59											
	STO	01000	03.54											
19.3	OBS	T01094	03.51											
19.3	OBS	T01638	03.61	34.969	27.82		1492.4							

TABLE IV. USCGC HAMILTON, November, 1977.—Continued

M O D C S T A T I O N D A T A

REFID 31 2704	YEAR 1975	ECTOP 03669	AIR TEMP 03.0	DIR MGT PER	WIND-DIR 33	INST HANSEN CAST	TEN SO 1306
CONSEC 0011	MONTH 11	SHIP MT	WET BULB 02.7	33 1 4	WIND-SPD 25	TRACE OIR	5 SQUARE 2
LA* 44 23 N	DAY 15	DATA USE 1	BAROMETER 0952.9	SEA	WIND-FOA	DURATION	2 SQUARE 46
LONG 047 54 W	MOOR 22.2	AREA 05	CLOUD T/A 8/8	CL/TR	WEATHER 12	ORIG A3 06511	1 SQUARE 47

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNMPTH	SNO VEL	QXYG	PO4	TCT P	NO2	NO3	SIO3	PH
	STD	00000	08.02	33.45	26.07	00.000	1481.0							
22.2	085	00000	08.02	33.448	26.07		1481.0							
	STD	00010	08.01	33.46	26.08	00.015	1481.1							
22.2	085	00019	08.01	33.463	26.09		1481.3							
	STD	00020	08.01	33.46	26.09	00.035	1481.3							
	STD	00030	07.97	33.47	26.10	00.058	1481.3							
22.2	085	00038	07.94	33.468	26.10		1481.3							
	STD	00050	06.29	33.51	26.36	00.054	1475.1							
22.2	085	00058	05.36	33.575	26.53		1471.6							
	STD	00073	03.91	33.86	26.91	00.130	1466.2							
22.2	085	00077	03.79	33.894	26.95		1465.7							
	STD	00100	03.81	34.31	27.28	00.154	1466.8							
22.2	085	00113	03.82	34.495	27.42		1467.3							
	STD	00125	03.77	34.53	27.46	00.172	1467.3							
	STD	00150	03.65	34.63	27.55	00.187	1467.4							
22.2	085	T00137	03.62	34.655	27.58		1467.4							
	STD	00200	04.46	34.87	27.65	00.213	1471.9							
22.2	085	00234	04.82	34.564	27.69		1474.1							
	STD	00250	04.78	34.57	27.69	00.236	1474.2							
	STD	00300	04.69	34.57	27.71	00.258	1474.6							
22.2	085	T00310	04.68	34.965	27.71		1474.8							
22.2	085	00391	04.61	34.596	27.74		1475.8							
	STD	00400	04.59	33.00	27.74	00.300	1475.5							
22.2	085	T00467	04.44	34.597	27.76		1476.4							
	STD	00500	04.24	34.96	27.76	00.340	1476.1							
	STD	00600	03.85	34.94	27.77	00.380	1476.0							
22.2	085	00620	03.81	34.931	27.77		1476.2							
	STD	00700	03.87	34.94	27.77	00.415	1477.8							
22.2	085	T00776	03.90	34.938	27.77		1476.2							
22.2	085	T01235	03.61	34.925	27.75		1485.6							

REFID 31 2704	YEAR 1975	ECTOP 02744	AIR TEMP 03.8	DIR MGT PER	WIND-DIR 31	INST HANSEN CAST	TEN SO 1306
CONSEC 0012	MONTH 11	SHIP MT	WET BULB 02.8	31 2 3	WIND-SPD 09	TRACE OIR	5 SQUARE 2
LA* 44 23 N	DAY 20	DATA USE 1	BAROMETER 0594.6	SEA	WIND-FOA	DURATION	2 SQUARE 46
LONG 047 52 W	MOOR 01.4	AREA 05	CLOUD T/A 0/6	CL/TR	WEATHER 17	ORIG A3 06512	1 SQUARE 47

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNMPTH	SNO VEL	QXYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STD	00000	08.18	33.39	26.01	00.000	1481.5							
01.4	085	00000	08.18	33.393	26.01		1481.5							
	STD	00010	08.17	33.39	26.01	00.020	1481.6							
	STD	00020	08.16	33.40	26.01	00.040	1481.6							
01.4	085	00025	08.15	33.398	26.02		1481.8							
	STD	00030	07.51	33.43	26.07	00.060	1481.0							
	STD	00050	06.46	33.69	26.48	00.095	1476.0							
01.4	085	00050	06.46	33.687	26.48		1476.0							
	STD	00075	03.57	34.35	27.33	00.124	1465.4							
01.4	085	00075	03.57	34.348	27.33		1465.4							
	STD	00100	03.65	34.47	27.43	00.142	1466.3							
01.4	085	00100	03.65	34.474	27.43		1466.3							
	STD	00125	03.81	34.56	27.48	00.158	1467.5							
	STD	00150	03.95	34.65	27.53	00.173	1468.8							
01.4	085	00150	03.99	34.648	27.53		1468.8							
	STD	00200	04.45	34.84	27.63	00.200	1471.8							
01.4	085	T00203	04.48	34.845	27.64		1472.0							
	STD	00250	04.38	34.87	27.67	00.224	1472.4							
	STD	00300	04.28	34.89	27.69	00.247	1472.8							
01.4	085	00305	04.27	34.893	27.69		1472.9							
	STD	00400	04.12	34.90	27.71	00.251	1473.8							
01.4	085	T00405	04.12	34.897	27.71		1473.9							
	STD	00500	04.14	34.95	27.75	00.332	1475.6							
01.4	085	00510	04.14	34.953	27.76		1475.8							
	STD	00600	04.00	34.94	27.76	00.373	1476.7							
01.4	085	T00610	03.98	34.944	27.77		1476.8							
	STD	00700	03.82	34.94	27.78	00.413	1477.6							
	STD	00800	03.71	34.93	27.78	00.452	1478.8							
01.4	085	T00810	03.70	34.932	27.78		1478.9							
	STD	00900	03.71	34.93	27.78	00.492	1480.4							
	STD	01000	03.72	34.92	27.78	00.534	1482.1							
01.4	085	T01015	03.72	34.924	27.78		1482.4							
01.4	085	T01325	03.54	34.953	27.82		1450.2							

TABLE IV. USCGC HAMILTON, November, 1977.—Continued

MOOD STATION DATA

REFID 31 2704	YEAR 1975	BOTOP 03218	AIR TEMP 03.3	OIR MGT PER	WIND-OIR 29	INST MANSEN CAST	TEN SG 1306
CONSEC 0013	MONTH 11	SHIP MT	WET BULB 01.6	25 1 3	WIND-SPO 23	TRACE OIR	5 SQUARE 2
LAT 44 27 N	DAY 20	DATA USE 1	BAROMETR 0594.2	SEA	WIND-FOR	DURATION	2 SQUARE 46
LONG 048 21 W	MOOR 04.0	AREA 05	CLOUD T/A 3/5	CL/TR	WEATHER X1	ORIG A3 06513	1 SQUARE 48

CASTNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	S103	PH
	STO	00000	08.26	33.40	26.00	00.000	1481.8							
04.0	OBS	00000	08.26	33.357	26.00		1481.8							
	STO	00010	08.25	33.40	26.00	00.020	1482.0							
	STO	00020	08.24	33.40	26.00	00.040	1482.1							
04.0	OBS	00023	08.24	33.395	26.00		1482.1							
	STO	00030	08.24	33.39	26.00	00.061	1482.2							
04.0	OBS	00046	08.23	33.393	26.00		1482.5							
	STO	00050	07.86	33.42	26.07	00.100	1481.1							
04.0	OBS	00070	06.02	33.626	26.49		1474.5							
	STO	00075	05.46	33.72	26.63	00.143	1472.4							
04.0	OBS	00093	03.94	34.025	27.04		1466.8							
	STO	00100	03.88	34.13	27.13	00.172	1466.8							
	STO	00125	03.73	34.43	27.38	00.193	1467.0							
04.0	OBS	00140	03.68	34.551	27.48		1467.2							
	STO	00150	03.69	34.58	27.51	00.210	1467.4							
04.0	OBS	T00152	03.73	34.687	27.59		1468.5							
	STO	00200	03.73	34.70	27.60	00.238	1468.6							
	STO	00250	03.81	34.79	27.66	00.262	1469.9							
04.0	OBS	00288	03.94	34.848	27.69		1471.1							
	STO	00300	04.07	34.87	27.70	00.285	1471.9							
04.0	OBS	T00384	04.58	34.980	27.73		1475.6							
	STO	00400	04.51	34.97	27.73	00.327	1475.6							
04.0	OBS	00486	04.15	34.941	27.74		1475.6							
	STO	00500	04.13	34.94	27.74	00.369	1475.6							
04.0	OBS	00584	03.88	34.915	27.76		1475.9							
	STO	00600	03.88	34.92	27.76	00.410	1476.2							
	STO	00700	03.89	34.93	27.77	00.451	1477.9							
04.0	OBS	T00781	03.90	34.935	27.77		1479.3							
	STO	00800	03.89	34.94	27.77	00.492	1479.5							
	STO	00900	03.81	34.93	27.77	00.533	1480.9							
04.0	OBS	T00985	03.76	34.932	27.78		1482.1							
04.0	OBS	01494	03.57	34.535	27.80		1489.8							

REFID 31 2704	YEAR 1975	BOTOP 02950	AIR TEMP 03.3	OIR MGT PER	WIND-OIR 29	INST MANSEN CAST	TEN SG 1306
CONSEC 0014	MONTH 11	SHIP MT	WET BULB 01.7	31 1 4	WIND-SPO 19	TRACE OIR	5 SQUARE 2
LAT 44 31 N	DAY 20	DATA USE 1	BAROMETR 0594.9	SEA	WIND-FOR	DURATION	2 SQUARE 48
LONG 048 38 W	MOOR 06.4	AREA 05	CLOUD T/A 3/4	CL/TR	WEATHER X1	ORIG A3 06514	1 SQUARE 48

CASTNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	S103	PH
	STO	03000	07.77	33.41	26.09	00.000	1480.0							
06.4	OBS	03000	07.77	33.415	26.09		1480.0							
	STO	00010	07.76	33.41	26.09	00.019	1480.1							
06.4	OBS	00015	07.75	33.415	26.09		1480.2							
	STO	00020	07.75	33.42	26.09	00.039	1480.2							
	STO	00030	07.75	33.42	26.09	00.058	1480.4							
06.4	OBS	00037	07.75	33.418	26.09		1480.5							
	STO	00050	06.60	33.57	26.37	00.094	1476.4							
06.4	OBS	00055	06.07	33.648	26.50		1474.5							
06.4	OBS	00074	03.61	34.090	27.12		1465.2							
	STO	00073	03.68	34.12	27.14	00.127	1465.6							
	STO	00100	05.06	34.63	27.39	00.148	1472.4							
06.4	OBS	00112	05.43	34.778	27.47		1474.3							
	STO	00125	05.40	34.80	27.49	00.164	1474.5							
	STO	00150	05.32	34.85	27.54	00.179	1474.6							
06.4	OBS	T00152	05.31	34.850	27.54		1474.6							
	STO	00200	04.94	34.89	27.61	00.206	1473.9							
06.4	OBS	00226	04.82	34.904	27.64		1473.5							
	STO	00250	04.82	34.92	27.65	00.231	1474.3							
	STO	00300	04.82	34.95	27.67	00.254	1475.1							
06.4	OBS	T00301	04.82	34.946	27.67		1475.2							
06.4	OBS	00378	04.59	34.953	27.71		1475.5							
	STO	00400	04.59	34.97	27.72	00.299	1475.9							
06.4	OBS	T00452	04.60	34.983	27.73		1476.8							
	STO	00500	04.35	34.96	27.74	00.342	1476.5							
	STO	00600	03.97	34.52	27.75	00.384	1476.5							
06.4	OBS	00602	03.56	34.922	27.75		1476.5							
	STO	00700	03.81	34.51	27.76	00.425	1477.5							
06.4	OBS	00765	03.72	34.907	27.76		1478.2							
06.4	OBS	T01191	03.48	34.504	27.78		1484.3							

TABLE IV. USCGC HAMILTON, November, 1977.—Continued

MOOC STATION DATA

REFID 31 2704 YEAR 1975 BOTOP 01760 AIR TEMP 01.6 DIR MGT PER WIND-DIR 27 INST HANSEN CAST TEN SQ 1306
 CONSEC 0015 MONTH 11 SHIP MT WET BULB 01.1 30 1 3 WIND-SPO 20 TRACE DIR 5 SQUARE 2
 LAT 44 35 N DAY 20 DATA USE 1 BAROMETER 0997.3 SEA WIND-FOR DURATION 2 SQUARE 48
 LONG 048 48 W HOUR 05.5 AREA 05 CLOUD T/A R/B CL/TR WEATHER 17 ORIG A3 06515 1 SQUARE 48

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	DRYG	PO4	TOT P	MO2	MO3	SIO3	PH
	STO	00000	07.65	33.43	26.11	00.000	1479.5							
09.3	OBS	00000	07.65	33.431	26.11		1479.5							
	STO	00010	07.64	33.43	26.12	00.019	1479.6							
	STO	00020	07.62	33.43	26.12	00.038	1479.8							
09.5	OBS	00024	07.62	33.431	26.12		1479.8							
	STO	00030	07.16	33.53	26.26	00.057	1478.2							
09.5	OBS	00049	05.93	33.803	26.64		1474.0							
	STO	00050	05.89	33.82	26.65	00.088	1473.9							
09.5	OBS	00074	04.84											
	STO	00075	04.75	34.11	27.02	00.119	1470.2							
09.3	OBS	00098	03.86	34.331	27.25		1467.0							
	STO	00100	03.86	34.34	27.30	00.142	1467.0							
	STO	00125	03.80	34.44	27.38	00.181	1467.3							
	STO	00150	03.75	34.52	27.45	00.178	1467.6							
	STO	00200	03.64	34.66	27.57	00.208	1468.2							
09.5	OBS	100202	03.64	34.662	27.58		1468.2							
	STO	00250	03.71	34.73	27.62	00.234	1469.4							
	STO	00300	03.85	34.80	27.66	00.258	1470.9							
09.5	OBS	00301	03.85	34.800	27.66		1470.9							
	STO	00400	04.35	34.93	27.71	00.303	1474.8							
09.5	OBS	100401	04.36	34.926	27.71		1474.9							
	STO	00500	03.58	34.84	27.72	00.346	1473.1							
09.5	OBS	00504	03.56	34.837	27.72		1473.1							
	STO	00600	03.48	34.83	27.73	00.389	1474.3							
09.5	OBS	100603	03.48	34.834	27.73		1474.4							
	STO	00700	03.47	34.85	27.74	00.432	1476.0							
	STO	00800	03.45	34.85	27.75	00.474	1477.6							
09.5	OBS	00801	03.45	34.855	27.75		1477.6							
	STO	00900	03.35	34.85	27.75	00.517	1478.8							
	STO	01000	03.27	34.84	27.76	00.556	1480.1							
09.5	OBS	101004	03.27	34.844	27.76		1480.2							
09.5	OBS	101602	03.45	34.894	27.78		1482.4							

REFID 31 2704 YEAR 1975 BOTOP 00081 AIR TEMP 02.8 DIR MGT PER WIND-DIR 29 INST HANSEN CAST TEN SQ 1306
 CONSEC 0016 MONTH 11 SHIP MT WET BULB 01.7 30 3 2 WIND-SPO 20 TRACE DIR 5 SQUARE 2
 LAT 44 38 N DAY 20 DATA USE 1 BAROMETER 0998.3 SEA WIND-FOR DURATION 2 SQUARE 48
 LONG 049 06 W HOUR 14.8 AREA 05 CLOUD T/A R/B CL/TR WEATHER 11 ORIG A3 06516 1 SQUARE 48

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	DRYG	PO4	TOT P	MO2	MO3	SIO3	PH
	STC	00000	02.17	33.25	26.58	00.000	1456.6							
14.8	OBS	00000	02.17	33.251	26.58		1456.6							
	STC	00010	02.11	33.53	26.81	00.014	1456.9							
	STO	00020	01.58	33.72	26.97	00.025	1456.8							
14.8	OBS	00025	01.85	33.786	27.03		1456.5							
	STO	00030	01.74	33.79	27.05	00.036	1456.0							
	STO	00050	01.14	33.81	27.10	00.056	1453.6							
14.8	OBS	00050	01.14	33.811	27.10		1453.6							
14.8	OBS	00070	00.51	33.872	27.19		1451.2							

REFID 31 2704 YEAR 1975 BOTOP 00058 AIR TEMP 02.2 DIR MGT PER WIND-DIR 30 INST HANSEN CAST TEN SQ 1306
 CONSEC 0017 MONTH 11 SHIP MT WET BULB 01.2 30 4 3 WIND-SPO 18 TRACE DIR 5 SQUARE 2
 LAT 44 34 N DAY 20 DATA USE 1 BAROMETER 0998.6 SEA WIND-FOR DURATION 2 SQUARE 48
 LONG 045 16 W HOUR 23.3 AREA 05 CLOUD T/A R/B CL/TR WEATHER 11 ORIG A3 06517 1 SQUARE 48

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	DRYG	PO4	TOT P	MO2	MO3	SIO3	PH
	STC	00000	01.78	33.37	26.71	00.000	1455.1							
	OBS	00000	01.78	33.374	26.71		1455.1							
	STC	00010	01.72	33.39	26.73	00.013	1455.0							
	STO	00020	01.65	33.43	26.77	00.026	1454.9							
	OBS	00025	01.61	33.460	26.75		1454.8							
	STO	00030	01.57	33.49	26.82	00.039	1454.8							
	STC	00050	01.37	33.67	26.98	00.062	1454.5							
	OBS	00050	01.37	33.671	26.98		1454.5							

TABLE IV. USCGC HAMILTON, November, 1977.—Continued

MODEC STATION DATA

REFID 31 2705	YEAR 1975	BOTDP 00058	AIR TEMP 05.5	DIR HGT PER	WIND-DIR 29	INST HANSEN CAST	TEN SQ 1307
COMSEC 0001	MONTH 11	S-IP MT	WET BULB 03.9	28 5 A	WIND-SPD 30	TRACE DIR	5 SQUARE 1
LAT 43 10 N	DAY 20	DATA USE 1	BAROMETER 1005.4	SEA	WIND-FOR	DURATION	2 SQUARE 20
LONG 050 15 W	MOUR 23.3	AREA 05	CLOUD T/A 8/5	CL/TR	WEATHER K7	ORIG AA 03301	1 SQUARE 30

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	DRYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STD	00000	06.99	32.51	25.48	00.000	1475.7							
23.3	DBS	00000	06.99	32.512	25.48		1475.7							
	STD	00010	06.59	32.51	25.48	00.025	1475.6							
	STD	00020	06.59	32.51	25.48	00.050	1476.1							
23.3	DBS	00025	06.59	32.505	25.48		1476.1							
	STD	00030	06.51	32.55	25.58	00.075	1474.4							
	STD	00050	03.01	32.87	26.21	00.117	1460.6							
23.3	DBS	00050	03.01	32.865	26.21		1460.6							

REFID 31 2705	YEAR 1975	BOTDP 00093	AIR TEMP 06.1	DIR HGT PER	WIND-DIR 29	INST HANSEN CAST	TEN SQ 1307
COMSEC 0002	MONTH 11	S-IP MT	WET BULB 03.9	29 4 2	WIND-SPD 30	TRACE DIR	5 SQUARE 1
LAT 43 01 N	DAY 21	DATA USE 1	BAROMETER 1007.1	SEA	WIND-FOR	DURATION	2 SQUARE 20
LONG 050 22 W	MOUR 01.2	AREA 05	CLOUD T/A 8/8	CL/TR	WEATHER K2	ORIG AA 03302	1 SQUARE 30

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	DRYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STD	00000	06.42	32.56	25.60	00.000	1473.5							
01.2	DBS	00000	06.42	32.558	25.60		1473.5							
	STD	00010	06.36	32.59	25.62	00.024	1473.5							
	STD	00020	06.30	32.61	25.65	00.047	1473.5							
01.2	DBS	00025	06.27	32.627	25.67		1473.4							
	STD	00030	05.76	32.73	25.81	00.070	1471.6							
	STD	00050	03.93	33.08	26.29	00.110	1464.8							
01.2	DBS	00050	03.93	33.076	26.29		1464.8							
01.2	DBS	00071	02.39	33.332	26.63		1458.9							

REFID 31 2705	YEAR 1975	BOTDP 00823	AIR TEMP 05.3	DIR HGT PER	WIND-DIR 30	INST HANSEN CAST	TEN SQ 1307
COMSEC 0003	MONTH 11	S-IP MT	WET BULB 05.5	29 4 4	WIND-SPD 28	TRACE DIR	5 SQUARE 1
LAT 42 49 N	DAY 21	DATA USE 1	BAROMETER 1007.5	SEA	WIND-FOR	DURATION	2 SQUARE 20
LONG 050 18 W	MOUR 03.5	AREA 05	CLOUD T/A A/6	CL/TR	WEATHER K7	ORIG AA 03303	1 SQUARE 20

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	DRYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STD	00000	09.95	33.79	26.04	00.000	1488.7							
03.5	DBS	00000	09.95	33.793	26.04		1488.7							
	STD	00010	09.93	33.78	26.03	00.020	1488.7							
	STD	00020	09.91	33.77	26.03	00.040	1488.8							
03.5	DBS	00023	09.90	33.769	26.03		1488.8							
	STD	00030	11.08	34.29	26.23	00.055	1493.9							
03.5	DBS	00046	12.78	35.150	26.57		1501.1							
	STD	00050	12.78	35.27	26.66	00.091	1501.3							
03.5	DBS	00069	12.77	35.570	26.90		1501.9							
	STD	00075	12.53	35.54	26.97	00.123	1501.2							
03.5	DBS	00092	11.55	35.39E	27.00		1497.9							
	STD	00100	10.34	35.25	27.07	00.150	1494.3							
	STD	00125	07.81	34.87	27.22	00.174	1486.1							
03.5	DBS	00138	04.64	34.722	27.27		1479.5							
	STD	00150	05.82	34.65	27.32	00.195	1476.4							
03.5	DBS	700190	03.44	34.470	27.42		1467.7							
	STD	00200	03.37	34.46	27.44	00.231	1466.8							
	STD	00250	02.29	34.41	27.50	00.263	1462.8							
03.5	DBS	700282	01.81	34.392	27.52		1461.2							
	STD	00300	01.85	34.41	27.53	00.293	1461.7							
	STD	00400	02.16	34.50	27.58	00.346	1464.5							
03.5	DBS	700472	02.45	34.540	27.60		1467.4							
	STD	00500	02.61	34.55	27.61	00.401	1468.6							
03.5	DBS	00565	02.52	34.645	27.63		1471.1							
	STD	00600	03.06	34.67	27.64	00.452	1472.3							
	STD	00700	03.34	34.75	27.68	00.501	1475.3							
03.5	DBS	700741	03.41	34.782	27.69		1476.3							

TABLE IV. USCGC HAMILTON, November, 1977.—Continued

N C O C S T A T I O N O A T A

REFID 31 2705	YEAR 1975	BOTOP 01628	AIR TEMP 07.2	OIR HGT PER	WIND-OIR 32	INST HANSEN CAST	TEN SQ 1307
CONSEC 0004	MONTH 11	SHIP MT	WET BULB 05.0	30 4 3	WIND-SPO 20	TRACE OIR	5 SQUARE 1
LAT 42 40 N	DAY 21	DATA USE 1	BAROMETER 1010.2	SEA	WIND-FOR	DURATION	2 SQUARE 20
LONG 050 20 W	HOOR 05.8	AREA 05	CLOUD T/A A/7	CL/TR	WEATHER X7	DAIG A4 03304	1 SQUARE 20

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
05.8	STO	00000	09.65	33.27	25.68	00.000	1486.9							
05.8	OBS	00000	09.65	33.26	25.68		1486.9							
	STO	00010	09.32	33.25	25.72	00.023	1485.8							
	STO	00020	08.99	33.24	25.76	00.046	1484.7							
05.8	OBS	00024		33.232										
	STO	00030	08.67	33.25	25.82	00.068	1483.7							
05.8	OBS	00047	08.11	33.294	25.94		1481.9							
	STO	00050	07.48	33.31	26.04	00.110	1479.5							
05.8	OBS	00071	04.62	33.552	26.59		1468.7							
	STO	00075	04.60	33.65	26.68	00.152	1468.6							
05.8	OBS	00094	04.56	34.076	27.01		1469.5							
	STO	00100	04.77	34.13	27.04	00.182	1470.5							
	STO	00125	05.50	34.34	27.12	00.207	1474.2							
	STO	00150	06.03	34.51	27.19	00.231	1477.0							
05.8	OBS	T00193	06.47	34.721	27.29		1479.8							
	STO	00200	06.40	34.73	27.31	00.274	1479.6							
	STO	00250	05.83	34.76	27.41	00.312	1478.2							
05.8	OBS	T00287	05.36	34.777	27.48		1476.9							
	STO	00300	05.03	34.78	27.52	00.345	1475.6							
05.8	OBS	T00361	03.56	34.771	27.63		1472.7							
	STO	00400	04.27	34.83	27.65	00.400	1474.3							
05.8	OBS	T00480	04.98	34.987	27.69		1478.8							
	STO	00500	04.69	34.98	27.69	00.445	1478.8							
05.8	OBS	T00574	04.62	34.587	27.71		1478.9							
	STO	00600	04.60	34.97	27.72	00.495	1479.2							
	STO	00700	04.51	34.97	27.73	00.540	1480.5							
05.8	OBS	00763	04.42	34.588	27.74		1481.2							
	STO	00800	04.33	34.96	27.74	00.585	1481.4							
	STO	00900	04.11	34.95	27.76	00.630	1482.1							
05.8	OBS	00956	04.01	34.945	27.76		1482.6							
05.8	OBS	T01436	03.82	34.953	27.79		1489.9							

REFID 31 2705	YEAR 1975	BOTOP 02116	AIR TEMP 07.8	OIR HGT PER	WIND-OIR 31	INST HANSEN CAST	TEN SQ 1307
CONSEC 0003	MONTH 11	SHIP MT	WET BULB 05.0	31 7 3	WIND-SPO 25	TRACE OIR	5 SQUARE 1
LAT 42 35 N	DAY 21	DATA USE 1	BAROMETER 1013.2	SEA	WIND-FOR	DURATION	2 SQUARE 20
LONG 050 16 W	HOOR 06.1	AREA 05	CLOUD T/A 8/5	CL/TR	WEATHER X1	DAIG A4 03305	1 SQUARE 20

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
08.1	STO	00000	10.15	33.00	25.39	00.000	1488.4							
08.1	OBS	00000	10.15	33.005	25.39		1488.4							
	STO	00010	10.07	33.00	25.40	00.028	1488.2							
	STO	00020	09.98	33.00	25.42	00.052	1488.1							
08.1	OBS	00024	09.95	32.999	25.42		1488.0							
	STO	00030	08.98	33.03	25.60	00.077	1484.6							
08.1	OBS	00047	06.69	33.127	26.01		1476.1							
	STO	00050	06.39	33.15	26.07	00.120	1475.0							
08.1	OBS	00071	04.64	33.341	26.42		1468.5							
	STO	00075	04.41	33.38	26.46	00.164	1467.6							
08.1	OBS	00095	03.43	33.553	26.71		1464.0							
	STO	00100	03.30	33.60	26.76	00.200	1463.6							
	STO	00125	02.75	33.60	26.98	00.230	1462.0							
	STO	00150	02.37	33.59	27.16	00.255	1461.0							
08.1	OBS	T00194	02.08	34.261	27.40		1460.8							
	STO	00200	02.12	34.28	27.41	00.296	1461.1							
	STO	00250	02.62	34.47	27.51	00.328	1464.3							
08.1	OBS	T00289	03.16	34.608	27.58		1467.5							
	STO	00300	03.50	34.66	27.59	00.356	1469.2							
08.1	OBS	T00383	05.03	34.951	27.65		1477.4							
	STO	00400	04.90	34.95	27.67	00.406	1477.1							
08.1	OBS	T00483	04.48	34.958	27.72		1476.6							
	STO	00500	04.47	34.96	27.73	00.452	1477.0							
08.1	OBS	T00578	04.42	34.971	27.74		1476.1							
	STO	00600	04.40	34.97	27.74	00.495	1478.4							
	STO	00700	04.30	34.96	27.75	00.538	1479.6							
08.1	OBS	T00767	04.24	34.961	27.75		1480.5							
	STO	00800	04.22	34.96	27.75	00.582	1481.0							
	STO	00900	04.17	34.97	27.76	00.625	1482.4							
08.1	OBS	T00961	04.13	34.970	27.77		1483.3							
08.1	OBS	T01444	03.75	34.934	27.78		1489.7							

TABLE IV. USCGC HAMILTON, November, 1977.—Continued

MODEC STATION DATA

REFID 31 2705	YEAR 1975	BDTOP 03381	AIR TEMP 09.4	DIA HGT PEA	WIND-DIR 29	INST MANSEN CAST	TEN SQ 1307
CONSEC 0006	MONTH 11	SHIP MT	WET BULB 08.0	29 4 4	WIND-SPD 23	TRACE DIR	5 SQUARE 1
LAT 42 08 N	DAY 21	DATA USE 1	BAROMETR 1013.2	SEA	WIND-FDR	DURATION	2 SQUARE 20
LONG 050 17 W	MOUR 12.3	AREA 05	CLOUD T/A 3/1	CL/TR	WEATHER X1	ORIG A4 03306	1 SQUARE 20

CASTNUM/TIME	LYLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STD	00000	09.59	33.08	25.55	00.000	1486.4							
	DBS	00000	09.59	33.085	25.55		1486.4							
	STD	00010	09.60	33.08	25.54	00.025	1486.6							
12.3	DBS	00019	09.60	33.076	25.54		1486.8							
	STD	00020	10.00	33.16	25.53	00.045	1486.3							
	STD	00030	12.53	33.78	25.56	00.074	1490.2							
12.3	DBS	00036	12.66	34.051	25.74		1495.2							
	STD	00050	07.63	33.98	26.52	00.113	1481.8							
12.3	DBS	00054	06.81	33.940	26.63		1477.8							
12.3	DBS	00074	09.34	34.621	26.94		1486.9							
	STD	00075	09.29	34.81	26.95	00.147	1488.8							
	STD	00100	08.29	34.65	27.01	00.174	1485.2							
	STD	00125	07.35	34.62	27.06	00.201	1482.0							
12.3	DBS	T00148	07.12	34.605	27.11		1481.4							
	STD	00150	07.12	34.62	27.12	00.226	1481.5							
	STD	00200	07.21	34.81	27.26	00.271	1482.9							
12.3	DBS	00218	07.24	34.836	27.28		1483.4							
	STD	00250	06.38	34.72	27.30	00.313	1480.3							
12.3	DBS	T00287	05.76	34.683	27.35		1478.4							
	STD	00300	05.74	34.74	27.40	00.352	1478.6							
12.3	DBS	00354	05.66	34.873	27.52		1479.4							
	STD	00400	04.72	34.80	27.57	00.416	1476.2							
12.3	DBS	T00419	04.46	34.788	27.59		1475.4							
	STD	00500	04.84	34.52	27.65	00.470	1478.5							
	STD	00555	04.52	34.975	27.69		1479.8							
	STD	00600	04.74	34.97	27.70	00.515	1475.8							
	STD	00700	04.39	34.95	27.72	00.565	1480.0							
12.3	DBS	T00703	04.36	34.947	27.72		1480.0							
	STD	00800	04.10	34.53	27.74	00.610	1480.4							
	STD	00900	03.88	34.91	27.75	00.655	1481.1							
	STD	01000	03.72	34.90	27.76	00.695	1482.1							
	STD	01100	03.62	34.88	27.75	00.743	1483.3							
12.3	DBS	T01103	03.62	34.882	27.75		1483.4							

REFID 31 2705	YEAR 1975	BDTOP 02928	AIR TEMP 11.1	DIA HGT PER	WIND-DIR 31	INST MANSEN CAST	TEN SQ 1307
CONSEC 0007	MONTH 11	SHIP MT	WET BULB 05.4	29 4 2	WIND-SPD 16	TRACE DIR	5 SQUARE 1
LAT 41 49 N	DAY 21	DATA USE 1	BAROMETR 1017.9	SEA	WIND-FDR	DURATION	2 SQUARE 00
LONG 050 18 W	MOUR 15.3	AREA 05	CLOUD T/A	CL/TP	WEATHER X0	ORIG A4 03307	1 SQUARE 10

CASTNUM/TIME	LYLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STD	00000		33.61										
	DBS	00000		33.602										
	STD	00010		33.61										
	STD	00020		33.61										
15.3	DBS	00022	11.36	33.607	25.65		1493.8							
	STD	00030	12.90	34.03	25.68		1499.8							
15.3	DBS	00044	14.74	34.747	25.85		1507.0							
	STD	00050	15.13	35.17	26.05		1508.0							
15.3	DBS	00066	15.41	35.84C	26.55		1510.8							
	STD	00075	14.76	35.76	26.63		1506.6							
15.3	DBS	00088	13.95	35.668	26.73		1506.3							
	STD	00100	13.77	35.65	26.76		1505.9							
	STD	00125	13.39	35.62	26.81		1505.0							
	STD	00150	12.99	35.58	26.86		1504.0							
15.3	DBS	T00180	12.50	35.530	26.92		1502.8							
	STD	00200	12.20	35.49	26.95		1502.1							
	STD	00250	11.31	35.39	27.04		1499.7							
15.3	DBS	T00271	10.87	35.342	27.08		1496.4							
	STD	00300	10.06	35.24	27.15		1493.8							
15.3	DBS	T00363	08.46	35.077	27.28		1490.8							
	STD	00400	07.65	35.03	27.37		1488.2							
15.3	DBS	T00461	06.36	34.974	27.48		1484.9							
	STD	00500	06.08	34.97	27.54		1483.6							
15.3	DBS	T00554	05.55	34.973	27.61		1482.3							
	STD	00600	05.38	34.97	27.63		1482.4							
	STD	00700	05.00	34.97	27.68		1482.5							
15.3	DBS	T00743	04.82	34.974	27.70		1482.5							
	STD	00800	04.52	34.95	27.71		1482.2							
	STD	00900	04.09	34.91	27.72		1482.0							
15.3	DBS	00939	03.95	34.893	27.73		1482.0							
15.3	DBS	T01440	03.64	34.894	27.76		1489.1							

TABLE IV. USCGC HAMILTON, November, 1977.—Continued

MOODC STATION DATA

REFID 31 2705	YEAR 1975	BOTDP 01445	AIR TEMP 15.6	OJA HGT PER	WIND-OIR 35	INST NANSEN CAST	TEN SO 1307
CONSEC 0006	MONTH 11	SHIP HT	MET BULB 13.3	30 2 8	WIND-SPD 10	TRACE DIR	5 SQUARE 1
LAT 41 21 N	DAY 21	DATA USE 1	BAROMETER 1026.4	SEA	WIND-FOR	DURATION	2 SQUARE 00
LONG 050 21 W	MOOR 15.0	AREA 05	CLCUO T/4 8/1	CL/7A	WEATHER X1	ORIG A4 03306	1 SQUARE 10

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STO	00000	14.89	34.67	25.76	00.000	1506.6							
19.0	OBS	00000	14.89	34.672	25.76		1506.6							
	STO	00010	16.03	35.06	25.81	00.022	1510.6							
	STO	00020	16.47	35.36	25.84	00.044	1513.9							
19.0	OBS	00023	17.07	35.426	25.84		1514.6							
	STO	00030	17.33	35.52	25.85	00.066	1515.6							
19.0	OBS	00046	17.70	35.636	25.87		1517.2							
	STO	00050	17.70	35.66	25.87	00.109	1517.2							
19.0	OBS	00069	17.68	35.667	25.88		1517.5							
	STO	00075	17.52	35.82	26.04	00.161	1517.3							
19.0	OBS	00092	17.02	36.140	26.40		1516.5							
	STO	00100	16.72	36.11	26.45	00.206	1515.7							
	STO	00125	15.63	36.03	26.60	00.245	1513.3							
19.0	OBS	00143	15.25	35.963	26.66		1511.7							
	STO	00150	15.05	35.93	26.70	00.281	1511.2							
19.0	OBS	T00146	14.02	35.774	26.80		1508.3							
	STO	00200	13.70	35.74	26.84	00.348	1507.4							
	STO	00250	12.44	35.58	26.96	00.410	1503.6							
19.0	OBS	00275	11.61	35.493	27.03		1502.0							
	STO	00300	11.45	35.44	27.05	00.466	1501.0							
19.0	OBS	T00371	10.07	35.275	27.17		1497.1							
	STO	00400	09.34	35.20	27.24	00.567	1494.8							
19.0	OBS	00467	07.80	35.061	27.37		1489.5							
	STO	00500	07.04	35.00	27.43	00.650	1467.4							
19.0	OBS	00559	05.95	34.926	27.52		1464.1							
	STO	00600	05.86	34.96	27.56	00.718	1464.4							
	STO	00700	05.46	35.00	27.64	00.776	1464.4							
19.0	OBS	00742	05.24	34.997	27.67		1464.2							
	STO	00800	04.77	34.96	27.65	00.629	1463.2							
	STO	00900	04.12	34.90	27.72	00.676	1462.1							
19.0	OBS	T00929	03.57	34.890	27.72		1461.9							
19.0	OBS	T01397	03.63	34.925	27.77		1465.2							

REFID 31 2705	YEAR 1975	BOTDP 02840	AIR TEMP 15.0	DJA HGT PER	WIND-OIR 32	INST NANSEN CAST	TEN SO 1307
CONSEC 0309	MONTH 11	SHIP HT	MET BULB 12.8	27 2 4	WIND-SPD 13	TRACE DIR	5 SQUARE 1
LAT 40 50 N	DAY 21	DATA USE 1	BAROMETER 1025.7	SEA	WIND-FOR	DURATION	2 SQUARE 00
LONG 050 10 W	MOOR 22.0	AREA 05	CLOUD T/4 8/1	CL/7A	WEATHER AD	ORIG A4 03306	1 SQUARE 00

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STO	00000	16.35	35.36	25.97	00.000	1512.0							
22.0	OBS	00000	16.35	35.375	25.97		1512.0							
	STO	00010	16.33	35.36	25.98	00.020	1512.2							
	STO	00020	16.32	35.38	25.98	00.041	1512.3							
22.0	OBS	00025	16.31	35.577	25.98		1512.3							
	STO	00030	16.42	35.43	26.00	00.061	1512.8							
	STO	00050	16.47	35.57	26.05	00.101	1514.1							
22.0	OBS	00050	16.47	35.570	26.05		1514.1							
	STO	00075	16.40	35.57	26.06	00.151	1514.3							
22.0	OBS	00075	16.40	35.568	26.06		1514.3							
	STO	00100	16.68	35.58	26.06	00.201	1514.5							
22.0	OBS	00100	16.66	35.584	26.06		1514.9							
	STO	00125	16.54	35.53	26.09	00.250	1514.3							
	STO	00150	15.95	35.47	26.14	00.299	1513.4							
22.0	OBS	00150		35.469										
	STO	00200	14.97	35.94	26.72	00.362	1511.7							
22.0	OBS	T00205	14.86	35.955	26.76		1511.5							
	STO	00250	13.54	35.73	26.86	00.445	1507.7							
	STO	00300	12.26	35.53	26.97	00.510	1504.0							
22.0	OBS	00304	12.17	35.518	26.98		1503.7							
	STO	00400	10.34	35.34	27.17	00.618	1496.6							
22.0	OBS	T00404	10.26	35.327	27.16		1496.4							
	STO	00500	08.28	35.11	27.34	00.710	1492.4							
22.0	OBS	T00505	08.12	35.102	27.36		1491.9							
	STO	00600	06.73	35.06	27.52	00.785	1487.9							
22.0	OBS	00606	06.63	35.053	27.53		1487.7							
	STO	00700	05.65	35.03	27.62	00.847	1486.0							
	STO	00800	05.17	35.01	27.68	00.902	1484.9							
22.0	OBS	T00808	05.12	35.005	27.65		1484.8							
	STO	00900	04.71	34.96	27.71	00.953	1484.7							
	STO	01000	04.36	34.95	27.73	01.002	1484.6							
22.0	OBS	T01012	04.32	34.948	27.73		1484.9							
22.0	OBS	T01321	03.93	34.948	27.77		1481.8							

TABLE IV. USCGC HAMILTON, November, 1977.—Continued

MOOC STATION DATA

REFID 31 2705	YEAR 1975	BOTOP 04076	AIR TEMP 17.8	OIR HGT PER	WIND-OIR 12	INST NANSEN CAST	TEN SO 1307
CONSEC 0010	MONTH 11	SHIP HT	WET BULB 16.1	28 2 X	WIND-SPO 10	TRACE OIR	5 SQUARE 1
LAT 40 21 N	DAY 22	DATA USE 1	BAROMETR 1028.4	SEA	WIND-FOR	DURATION	2 SQUARE 00
LONG 050 20 W	MOOR 01.6	AREA 05	CLOUD T/A X/2	CL/TR	WEATHER X1	ORIG A4 03310	1 SQUARE 00

CASNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SNO VEL	DRYG	PO4	TCT P	NO2	NO3	SIO3	PH
01.6	STO	00000	18.32	35.64	25.70	00.000	1518.2							
	OBS	00000	18.32	35.637	25.70		1518.2							
	STO	00010	18.34	35.63	25.69	00.023	1518.4							
	STO	00020	18.36	35.63	25.68	00.046	1518.6							
01.6	OBS	00024	18.36	35.631	25.68		1518.7							
	STO	00030	18.37	35.63	25.68	00.070	1518.8							
01.6	OBS	00048	18.37	35.634	25.68		1519.1							
	STO	00050	18.37	35.64	25.68	00.116	1519.1							
01.6	OBS	00072	18.34	35.629	25.69		1519.4							
	STO	00075	18.15	35.58	25.65	00.174	1518.8							
01.6	OBS	00095	17.14	35.390	25.60		1516.0							
	STO	00100	17.10	35.52	25.61	00.230	1516.1							
	STO	00125	16.93	36.01	26.32	00.275	1516.6							
01.6	OBS	00143	16.80	36.175	26.48		1516.7							
	STO	00150	16.40	36.11	26.53	00.320	1515.6							
01.6	OBS	T00196	14.28	35.785	26.75		1509.3							
	STO	00200	14.21	35.77	26.76	00.393	1509.1							
	STO	00250	13.30	35.63	26.84	00.460	1508.8							
01.6	OBS	T00290	12.49	35.537	26.93		1504.6							
	STO	00300	12.25	35.52	26.96	00.521	1503.9							
01.6	OBS	T00385	10.25	35.358	27.21		1498.1							
	STO	00400	09.78	35.29	27.23	00.627	1496.5							
01.6	OBS	T00485	07.60	35.051	27.35		1490.6							
	STO	00500	07.64	35.07	27.37	00.714	1490.6							
01.6	OBS	T00580	07.37	35.11E	27.48		1490.2							
	STO	00600	07.08	35.10	27.50	00.788	1489.4							
	STO	00700	05.50	35.02	27.60	00.852	1486.2							
01.6	OBS	00770	05.31	34.987	27.65		1485.0							
	STO	00800	05.21	34.99	27.66	00.909	1485.1							
	STO	00900	04.51	34.99	27.70	00.962	1485.5							
01.6	OBS	00965	04.74	34.984	27.71		1485.5							
01.6	OBS	T01450	04.08	34.950	27.76		1491.2							

REFID 31 2705	YEAR 1975	BOTOP 03970	AIR TEMP 17.8	OIR HGT PER	WIND-OIR 12	INST NANSEN CAST	TEN SO 1207
CONSEC 0011	MONTH 11	SHIP HT	WET BULB 16.1	28 2 3	WIND-SPO 10	TRACE OIR	5 SQUARE 3
LAT 36 42 N	DAY 22	DATA USE 1	BAROMETR 1028.4	SEA	WIND-FOR	DURATION	2 SQUARE 00
LONG 050 18 W	MOOR 06.0	AREA 05	CLOUD T/A X/6	CL/TR	WEATHER X1	ORIG A4 03311	1 SQUARE 00

CASNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SNO VEL	DRYG	PO4	TCT P	NO2	NO3	SIO3	PH
06.0	STO	00000	17.54	35.51	25.79	00.000	1515.8							
	OBS	00000	17.56	35.51C	25.79		1515.8							
	STO	00010	17.36	35.47	25.80	00.022	1515.3							
	STO	00020	17.23	35.44	25.81	00.044	1515.1							
06.0	OBS	00024	17.19	35.428	25.81		1515.0							
	STO	00030	17.20	35.43	25.81	00.066	1515.1							
06.0	OBS	00048	17.20	35.426	25.81		1515.4							
	STO	00050	17.19	35.43	25.81	00.110	1515.5							
06.0	OBS	00073	17.16	35.434	25.83		1515.7							
	STO	00075	17.17	35.43	25.82	00.166	1515.8							
06.0	OBS	00097	17.19	35.42E	25.81		1516.2							
	STO	00100	17.17	35.43	25.82	00.221	1516.2							
	STO	00125	16.93	35.43	25.88	00.276	1515.9							
06.0	OBS	00146		35.431										
	STO	00150	16.65	35.50	25.99	00.325	1515.6							
06.0	OBS	T00198	15.98	36.034	26.56		1515.0							
	STO	00200	15.65	36.03	26.57	00.415	1514.9							
	STO	00250	15.03	35.94	26.71	00.493	1512.7							
06.0	OBS	00295	14.10	35.823	26.82		1510.4							
	STO	00300	13.58	35.80	26.83	00.562	1510.0							
06.0	OBS	T00391	11.75	35.472	27.02		1503.6							
	STO	00400	11.50	35.44	27.04	00.684	1502.8							
06.0	OBS	T00453	09.26	35.184	27.24		1496.0							
	STO	00500	09.13	35.16	27.25	00.786	1495.6							
06.0	OBS	00590	07.63	35.091	27.42		1491.3							
	STO	00600	07.52	35.09	27.44	00.871	1491.1							
	STO	00700	06.56	35.09	27.57	00.940	1489.0							
06.0	OBS	T00783	05.50	35.091	27.66		1487.7							
	STO	00800	05.75											
	STO	00900	05.23											
06.0	OBS	T00581	04.85											
06.0	OBS	01473	04.14											

TABLE IV. USCGC HAMILTON, November, 1977.—Continued

MOOC STATION DATA

REFID 31 2705	YEAR 1975	BOTOP 05222	AIR TEMP 22.6	OIA HGT PER	WIND-DIA 20	INST HANSEN CAST	TEN SQ 1207
CONSEC 0012	MONTH 11	SHIP HT	WET BULB 20.0	20 2 X	WIND-SPD 24	TRACE OIA	5 SQUARE 3
LAT 39 20 N	DAY 22	DATA USE 1	BAROMETER 1022.4	SEA	WIND-FOR	DURATION	2 SQUARE 80
LONG 050 20 W	MOOR 05.5	AREA 05	CLOUD T/A 8/7	CL/TR	WEATHER X1	ORIG A4 03312	1 SQUARE 90

CASTNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNDEPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STO	00000	22.19	36.32	25.15	00.000	1529.4							
09.5	OBS	00000	22.15	36.321	25.19		1529.4							
	STO	00010	22.23	36.32	25.18	00.026	1529.7							
	STO	00020	22.24	36.33	25.18	00.056	1529.9							
09.5	OBS	00024	22.24	36.327	25.18		1530.0							
	STO	00030	22.22	36.33	25.18	00.084	1530.0							
09.5	OBS	00048	22.17	36.326	25.20		1530.2							
	STO	00050	22.14	36.32	25.20	00.140	1530.1							
09.5	OBS	00071	21.87	36.295	25.26		1529.8							
	STO	00075	21.83	36.30	25.27	00.209	1529.7							
09.5	OBS	00096	21.54	36.332	25.38		1529.4							
	STO	00100	21.44	36.36	25.43	00.276	1529.2							
	STO	00125	20.81	36.51	25.72	00.338	1528.1							
09.5	OBS	00142	20.41	36.571	25.87		1527.4							
	STO	00150	20.21	36.56	25.91	00.394	1527.0							
09.5	OBS	T00195	19.27	36.502	26.12		1525.1							
	STO	00200	19.22	36.50	26.13	00.497	1525.0							
	STO	00250	18.69	36.48	26.25	00.563	1524.4							
09.5	OBS	T00287	18.27	36.457	26.34		1523.7							
	STO	00300	18.12	36.45	26.37	00.683	1523.5							
09.5	OBS	T00378	17.11	36.338	26.53		1521.7							
	STO	00400	16.88	36.30	26.56	00.853	1521.3							
09.5	OBS	T00473	15.68	36.102	26.69		1518.6							
	STO	00500	14.93	35.57	26.75	01.007	1516.6							
09.5	OBS	T00560	13.37	35.714	26.89		1512.2							
	STO	00600	12.41	35.57	26.97	01.142	1509.4							
	STO	00700	10.23	35.30	27.16	01.257	1503.1							
09.5	OBS	T00727	09.70	35.243	27.21		1501.6							
	STO	00800	08.37	35.15	27.36	01.355	1497.7							
09.5	OBS	00855	06.54	35.065	27.50		1493.6							
	STO	00900	06.51	35.06	27.50	01.435	1493.6							
	STO	01000	06.34	35.05	27.57	01.506	1493.0							
	STO	01100	05.78	35.03	27.63	01.571	1492.4							
	STO	01200	05.21	35.02	27.65	01.630	1491.8							
09.5	OBS	T01283	04.74	35.004	27.73		1491.2							

REFID 31 2705	YEAR 1975	BOTOP 05221	AIR TEMP 20.5	OIA HGT PER	WIND-DIA 17	INST HANSEN CAST	TEN SQ 1207
CONSEC 0013	MONTH 11	SHIP HT	WET BULB 18.3	29 0 2	WIND-SPD 11	TRACE OIA	5 SQUARE 3
LAT 38 50 N	DAY 22	DATA USE 1	BAROMETER 1030.1	SEA	WIND-FOR	DURATION	2 SQUARE 80
LONG 050 20 W	MOOR 12.9	AREA 05	CLOUD T/A 8/4	CL/TR	WEATHER X1	ORIG A4 03313	1 SQUARE 80

CASTNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNDEPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STO	00000	21.49	36.41	25.45	00.000	1527.8							
12.9	OBS	00000	21.49	36.414	25.45		1527.8							
	STO	00010	21.49	36.42	25.46	00.025	1527.9							
	STO	00020	21.49	36.42	25.46	00.051	1528.1							
12.9	OBS	00023	21.49	36.421	25.46		1528.1							
	STO	00030	21.48	36.42	25.46	00.076	1528.2							
12.9	OBS	00047	21.45	36.423	25.47		1528.4							
	STO	00050	21.43	36.42	25.48	00.127	1528.4							
12.9	OBS	00070	21.36	36.427	25.50		1528.6							
	STO	00075	21.36	36.43	25.50	00.150	1528.7							
12.9	OBS	00094	21.35	36.434	25.51		1529.0							
	STO	00100	21.15	36.45	25.56	00.252	1528.7							
	STO	00125	20.54	36.49	25.77	00.312	1527.4							
12.9	OBS	00142	20.12	36.500	25.89		1526.5							
	STO	00150	19.89	36.49	25.95	00.367	1526.1							
12.9	OBS	00192	18.94	36.457	26.17		1524.1							
	STO	00200	18.87	36.45	26.18	00.468	1524.0							
	STO	00250	18.51	36.44	26.26	00.562	1523.8							
12.9	OBS	00286	18.28	36.427	26.31		1523.7							
	STO	00300	18.23	36.42	26.32	00.654	1523.8							
12.9	OBS	T00379	17.85	36.390	26.39		1523.9							
	STO	00400	17.71	36.39	26.42	00.832	1523.9							
12.9	OBS	T00478	17.19	36.345	26.52		1523.6							
	STO	00500	17.07	36.34	26.54	01.003	1523.6							
12.9	OBS	00571	16.55	36.261	26.61		1523.1							
	STO	00600	16.02	36.20	26.69	01.165	1521.9							
	STO	00700	14.26	35.95	26.91	01.310	1517.7							
12.9	OBS	00758		35.847										
	STO	00800	12.61	35.71	27.04	01.440	1513.6							
	STO	00900	11.08	35.43	27.12	01.561	1505.6							
12.9	OBS	T00950	10.35	35.316	27.16		1507.7							
12.9	OBS	T01426	04.82	35.007	27.72		1484.0							

TABLE IV. USCGC HAMILTON, November, 1977.—Continued

MOOC STATION DATA

REFID 31	2705	YEAR 1975	80TOP 05240	AIR TEMP 21.1	OIR MGT PER	WIND-OIR 19	INST MANSEN CAST	TEM SO 1207
COMSEC	0014	MONTH 11	SHIP MT	WET BULB 18.3	19 0 2	WIND-SPO 10	TRACE DIR	5 SQUARE 3
LAT 38 20 N		DAY 22	DATA USE 1	BAROMETR 1028.4	SEA	WIND-FOR	DURATION	2 SQUARE 80
LONG 050 20 W		MOUR 16.6	AREA 05	CLOUD T/A 8/2	CL/TR	WEATHER A1	ORIG A4 03314	1 SQUARE 60

CASTNUM/TIME	LYLTYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STD	00000	21.64	36.39	25.39	00.000	1528.1							
16.6	085	00000	21.64	36.391	25.39		1528.1							
	STD	00010	21.65	36.39	25.39	00.026	1528.3							
	STD	00020	21.64	36.39	25.39	00.052	1528.5							
16.6	085	00025	21.66	36.390	25.39		1528.6							
	STD	00030	21.65	36.40	25.40	00.078	1528.7							
	STD	00050	21.63	36.44	25.43	00.130	1529.0							
16.6	085	00050	21.63	36.436	25.43		1529.0							
	STD	00075	21.46	36.44	25.48	00.194	1528.9							
16.6	085	00075	21.46	36.432	25.48		1528.9							
	STD	00100	21.48	36.44	25.46	00.257	1529.4							
16.6	085	00100	21.48	36.442	25.46		1529.4							
	STD	00125	20.31	36.45	25.81	00.317	1526.7							
16.6	085	00149	19.51	36.46C	26.02		1524.9							
	STD	00150	19.50	36.46	26.03	00.371	1524.9							
	STD	00200	18.92	36.46	26.17	00.470	1524.1							
16.6	085	T00203	18.89	36.455	26.18		1524.1							
	STD	00250	16.57	36.45	26.26	00.565	1524.0							
	STD	00300	16.28	36.45	26.32	00.657	1524.0							
16.6	085	T00301	16.28	36.445	26.33		1524.0							
16.6	085	T00359	17.92	36.422	26.40		1524.5							
	STD	00430	17.92	36.42	26.40	00.636	1524.5							
	STD	00500	17.50	36.38	26.47	01.012	1524.9							
16.6	085	T00500	17.50	36.380	26.47		1524.9							
16.6	085	T00596	16.81	36.300	26.57		1524.3							
	STD	00600	16.76	36.29	26.58	01.182	1524.3							
	STD	00700	15.52	36.10	26.72	01.342	1521.9							
16.6	085	T00766	14.41	35.906	26.82		1519.5							
	STD	00800		35.86										
	STD	00900		35.57										
16.6	085	00978		35.385										
16.6	085	T01441	04.64	35.034	27.74		1494.3							

REFID 31	2705	YEAR 1975	80TOP 03722	AIR TEMP 21.1	OIR MGT PER	WIND-OIR 17	INST MANSEN CAST	TEM SO 1207
COMSEC	0015	MONTH 11	SHIP MT	WET BULB 17.8	18 1 3	WIND-SPO 18	TRACE DIR	5 SQUARE 3
LAT 37 50 N		DAY 22	DATA USE 1	BAROMETR 1028.1	SEA	WIND-FOR	DURATION	2 SQUARE 60
LONG 050 20 W		MOUR 20.0	AREA 05	CLOUD T/A 8/3	CL/TR	WEATHER X1	ORIG A4 03315	1 SQUARE 70

CASTNUM/TIME	LYLTYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STD	00000	22.15	36.41	25.26	00.000	1529.4							
20.0	085	00000	22.15	36.407	25.26		1529.4							
	STD	00010	22.15	36.41	25.26	00.027	1529.6							
	STD	00020	22.15	36.41	25.26	00.054	1529.8							
20.0	085	00025	22.15	36.406	25.26		1529.8							
	STD	00030	22.11	36.40	25.27	00.082	1529.8							
20.0	085	00046	22.03	36.404	25.29		1529.9							
	STD	00050	22.02	36.40	25.30	00.136	1529.9							
20.0	085	00069	21.98	36.406	25.31		1530.1							
	STD	00075	22.00	36.41	25.30	00.203	1530.3							
20.0	085	00092	22.00	36.407	25.31		1530.6							
	STD	00100	21.89	36.43	25.35	00.271	1530.4							
	STD	00125	21.53	36.49	25.50	00.336	1530.0							
	STD	00150	21.15	36.33	25.64	00.398	1529.5							
20.0	085	T00169	20.50	36.562	25.84		1528.6							
	STD	00200	20.23	36.55	25.90	00.513	1527.9							
	STD	00250	19.21	36.49	26.13	00.617	1525.8							
20.0	085	T00260	18.75	36.466	26.22		1525.0							
	STD	00300	18.60	36.47	26.26	00.714	1524.9							
20.0	085	T00371	18.10	36.444	26.37		1524.6							
	STD	00400	17.94	36.44	26.40	00.896	1524.7							
20.0	085	T00468	17.45	36.366	26.46		1524.4							
	STD	00500	17.13	36.33	26.52	01.070	1523.8							
20.0	085	T00560	16.40	36.212	26.61		1522.4							
	STD	00600	15.80	36.12	26.67	01.233	1521.1							
	STD	00700	14.34	35.86	26.81	01.364	1517.9							
20.0	085	00743	13.72	35.782	26.87		1516.4							
	STD	00800		35.65										
	STD	00900		35.44										
20.0	085	00931		35.390										
	STD	01400	05.14	35.06	27.73		1494.9							
20.0	085	T01400	05.14	35.06C	27.73		1494.9							

TABLE IV. USCGC HAMILTON, November, 1977.—Continued

MOOC STATION DATA

REFID 31 2735	YEAR 1975	BOTOP 04755	AIR TEMP 21.1	OIR MGT PER	WIND-OIA 14	INST HANSEN CAST	TEN SO 1207
CONSEC 0016	MONTH 11	SHIP MT	WET BULB 18.3	15 1 5	WIND-SPC 07	TRACE OIA	5 SQUARE 3
LAT 37 20 N	OAT 23	DATA USE 1	BAROMETR 1028.8	SEA	WIND-FOR	DURATION	2 SQUARE 60
LONG 050 20 W	HOOR 00.5	AREA 05	CLCUD T/A R/S	CL/TR	WEATHER A1	ORIG 44 03316	1 SQUARE 70

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	BIGNA-T	OVNOPTH	SNO VEL	OATG	PD4	TOT P	NO2	NO3	SIO3	PH
	STD	00000	22.24	36.45	25.27	00.000	1529.7							
00.5	0BS	00000	22.24	36.447	25.27		1529.7							
	STD	00010	22.26	36.44	25.26	00.027	1529.9							
	STD	00020	22.27	36.44	25.26	00.054	1530.1							
00.5	0BS	00024	22.27	36.443	25.26		1530.2							
	STD	00030	22.27	36.44	25.26	00.082	1530.5							
00.5	0BS	00049	22.27	36.444	25.26		1530.6							
	STD	00050	22.27	36.44	25.26	00.137	1530.6							
	STD	00075	22.29	36.44	25.25	00.205	1531.1							
00.5	0BS	00098	22.31	36.441	25.24		1531.5							
	STD	00100	22.24	36.44	25.27	00.274	1531.3							
	STD	00125	21.37	36.46	25.52	00.340	1529.5							
	STD	00150	20.62	36.48	25.74	00.401	1528.0							
	STD	00200	19.47	36.49	26.05	00.505	1525.7							
00.5	0BS	00200	19.47	36.485	26.05		1525.7							
	STD	00250	19.01	36.47	26.16	00.605	1525.2							
00.5	0BS	00258	18.60	36.454	26.25		1524.8							
	STD	00300	18.59	36.45	26.25	00.705	1524.8							
00.5	0BS	T00396	17.85	36.404	26.40		1524.2							
	STD	00400	17.82	36.40	26.41	00.887	1524.2							
00.5	0BS	T00495	16.54	36.291	26.54		1523.1							
	STD	00500	16.93	36.29	26.54	01.059	1523.1							
00.5	0BS	T00597	15.55	36.075	26.65		1520.4							
	STD	00600	15.53	36.07	26.69	01.220	1520.2							
	STD	00700	13.63	35.78	26.85	01.366	1515.4							
00.5	0BS	T00793	11.54	35.561	27.05		1511.0							
	STD	00800	11.80	35.55	27.07	01.494	1510.6							
	STD	00900	09.99	35.36	27.26	01.605	1505.6							
00.5	0BS	00955	06.50	35.221	27.39		1501.5							
00.5	0BS	T01458	04.52	35.016	27.76		1493.9							

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